

A-63761-7

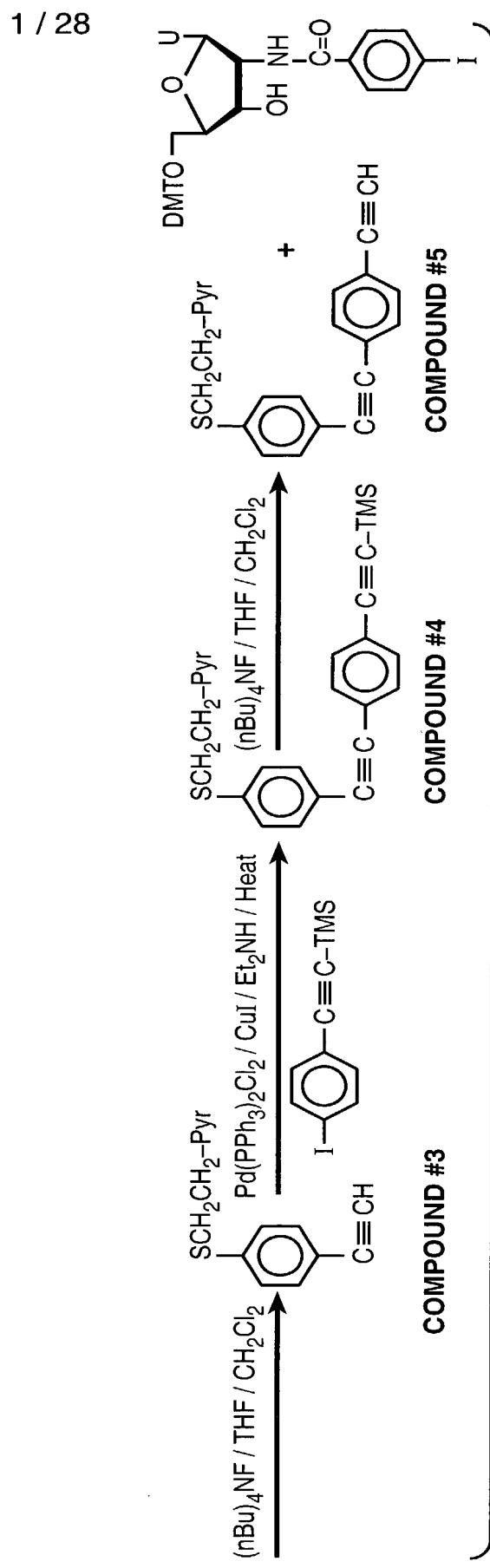


FIG.-1A

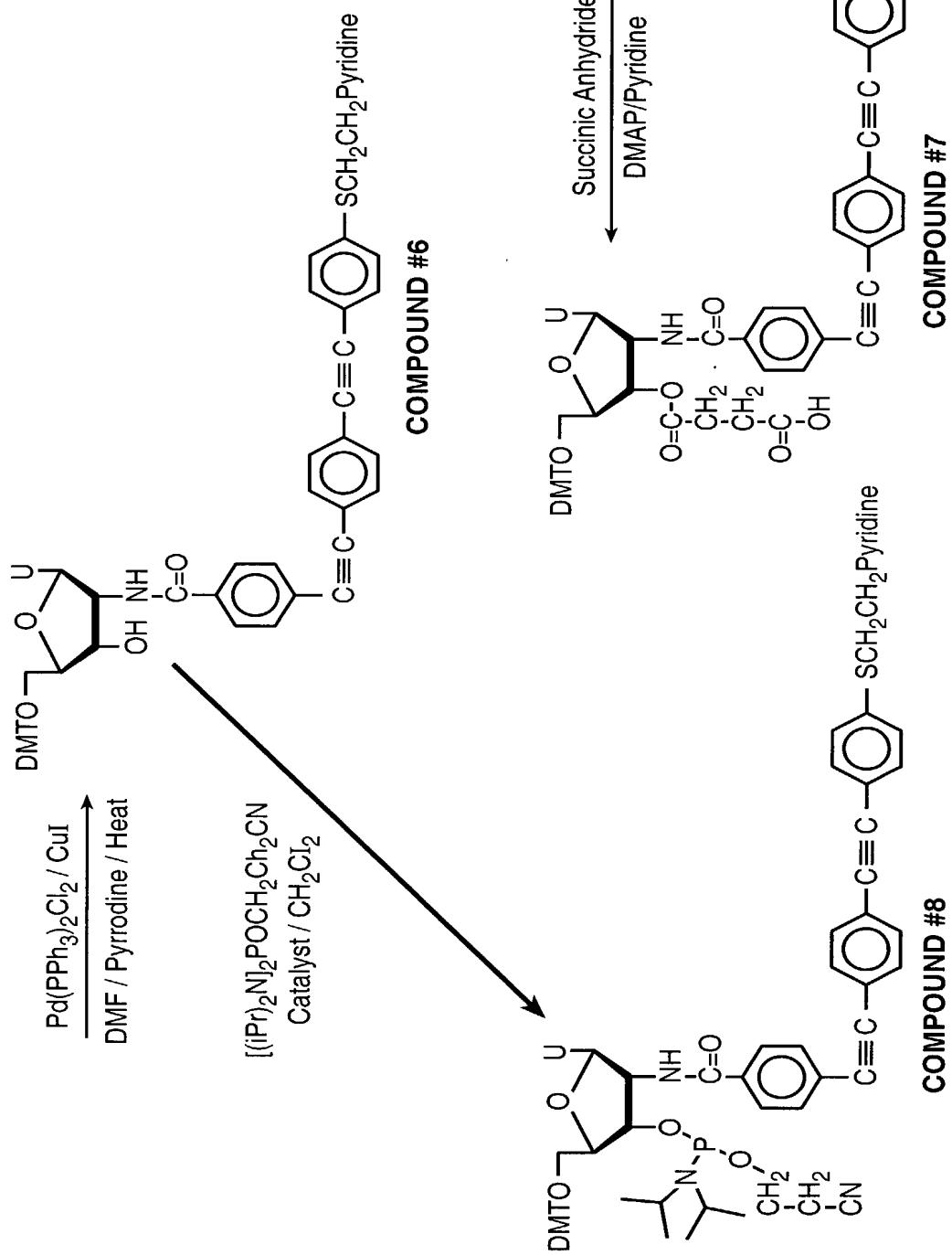
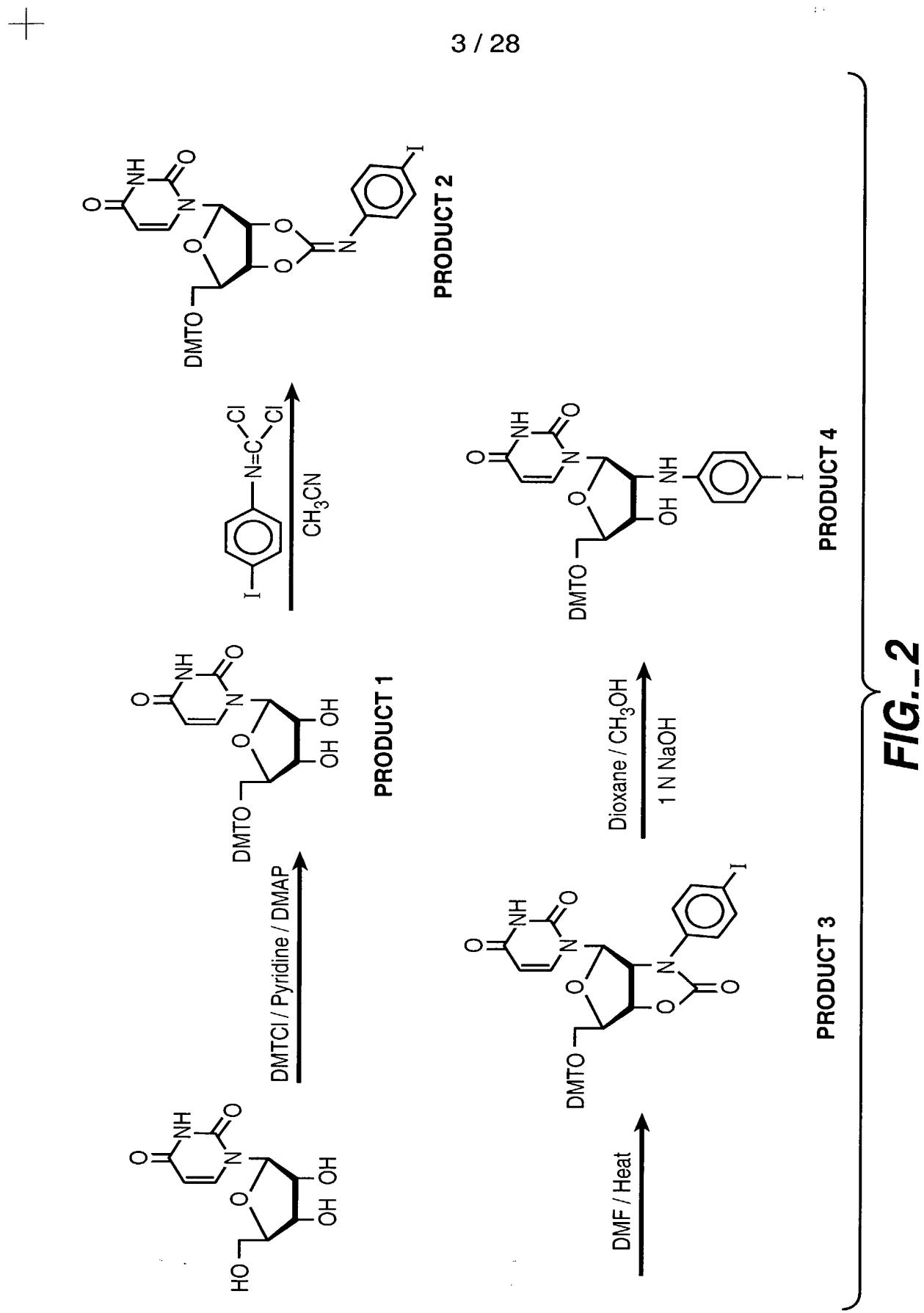
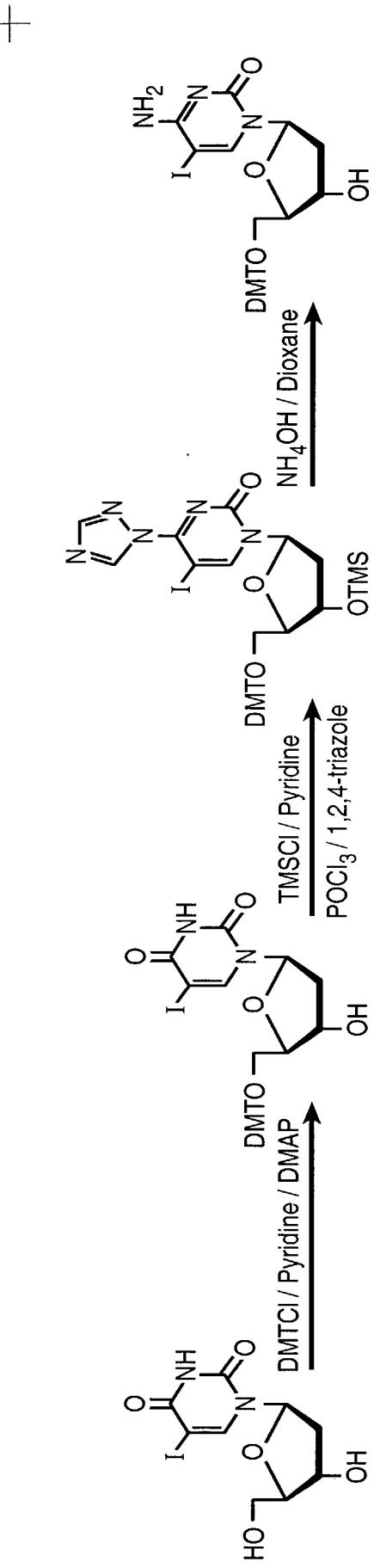


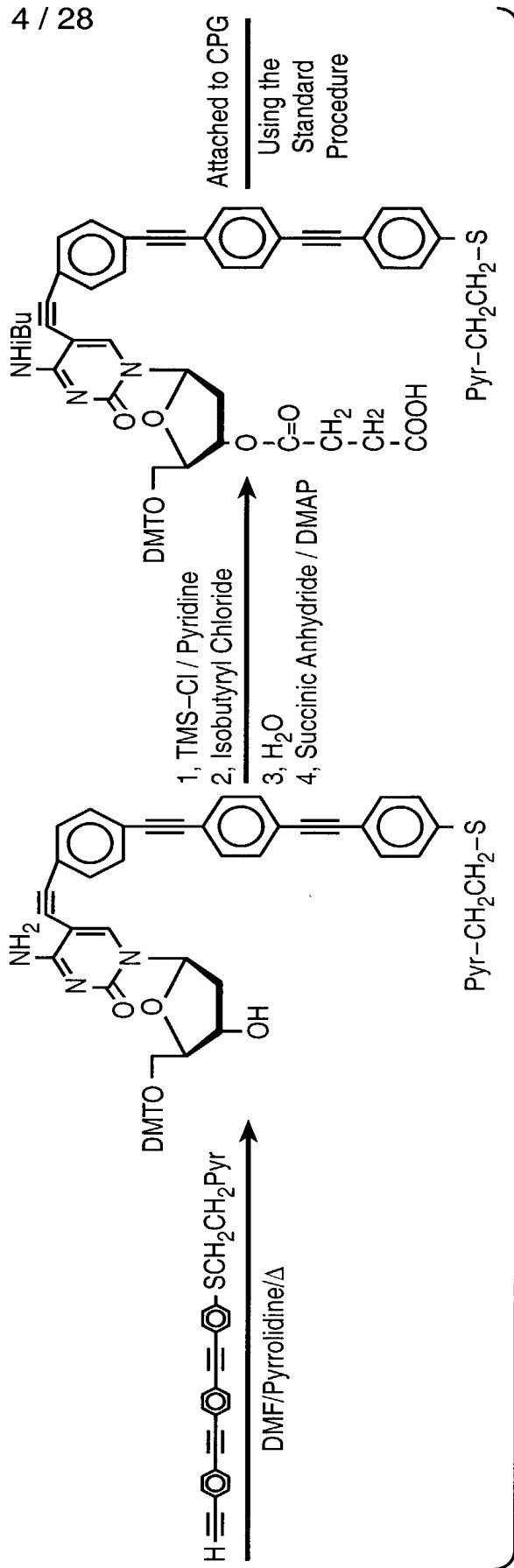
FIG._1B

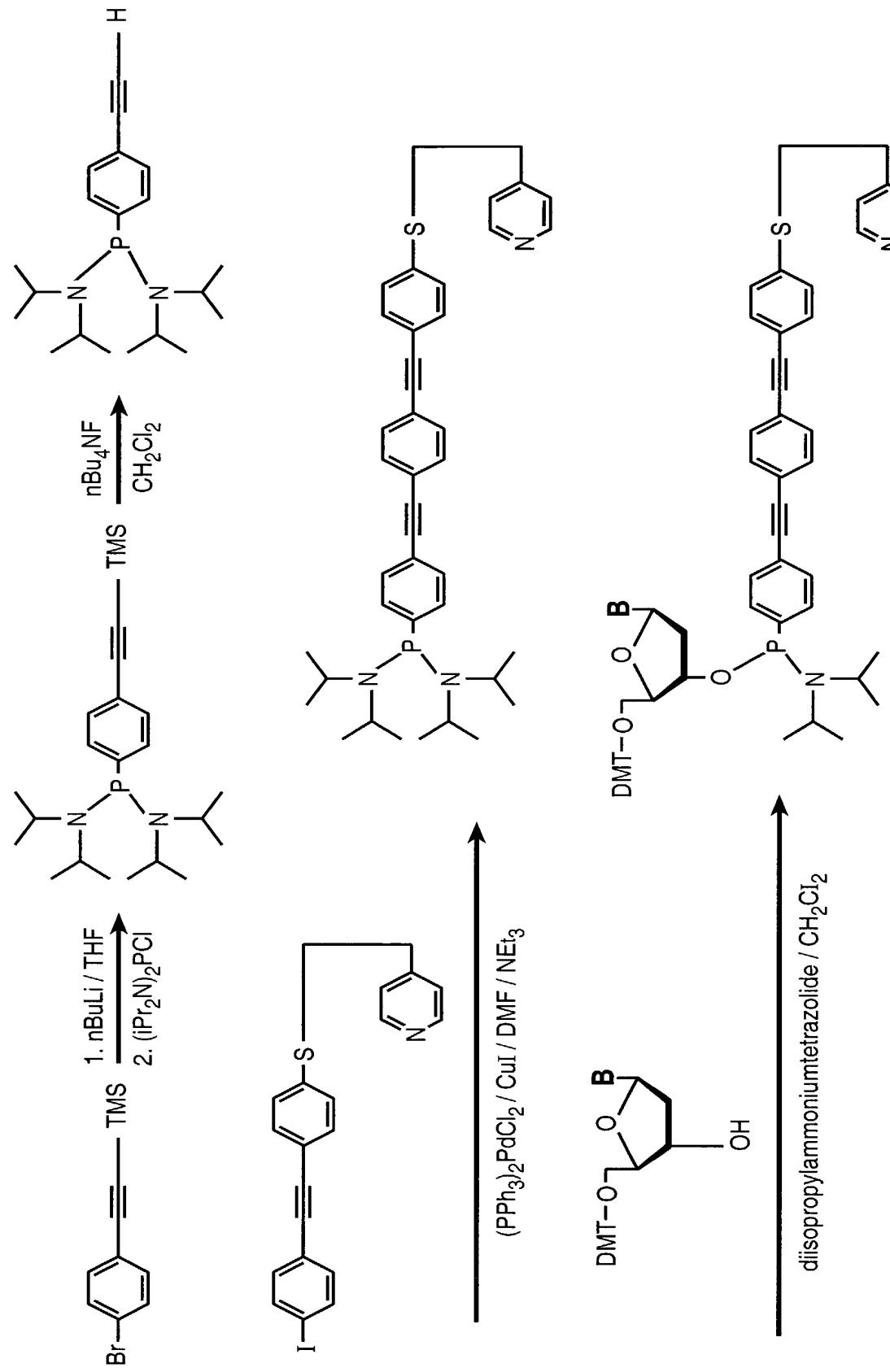
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**FIG._3**

**FIG. 4**

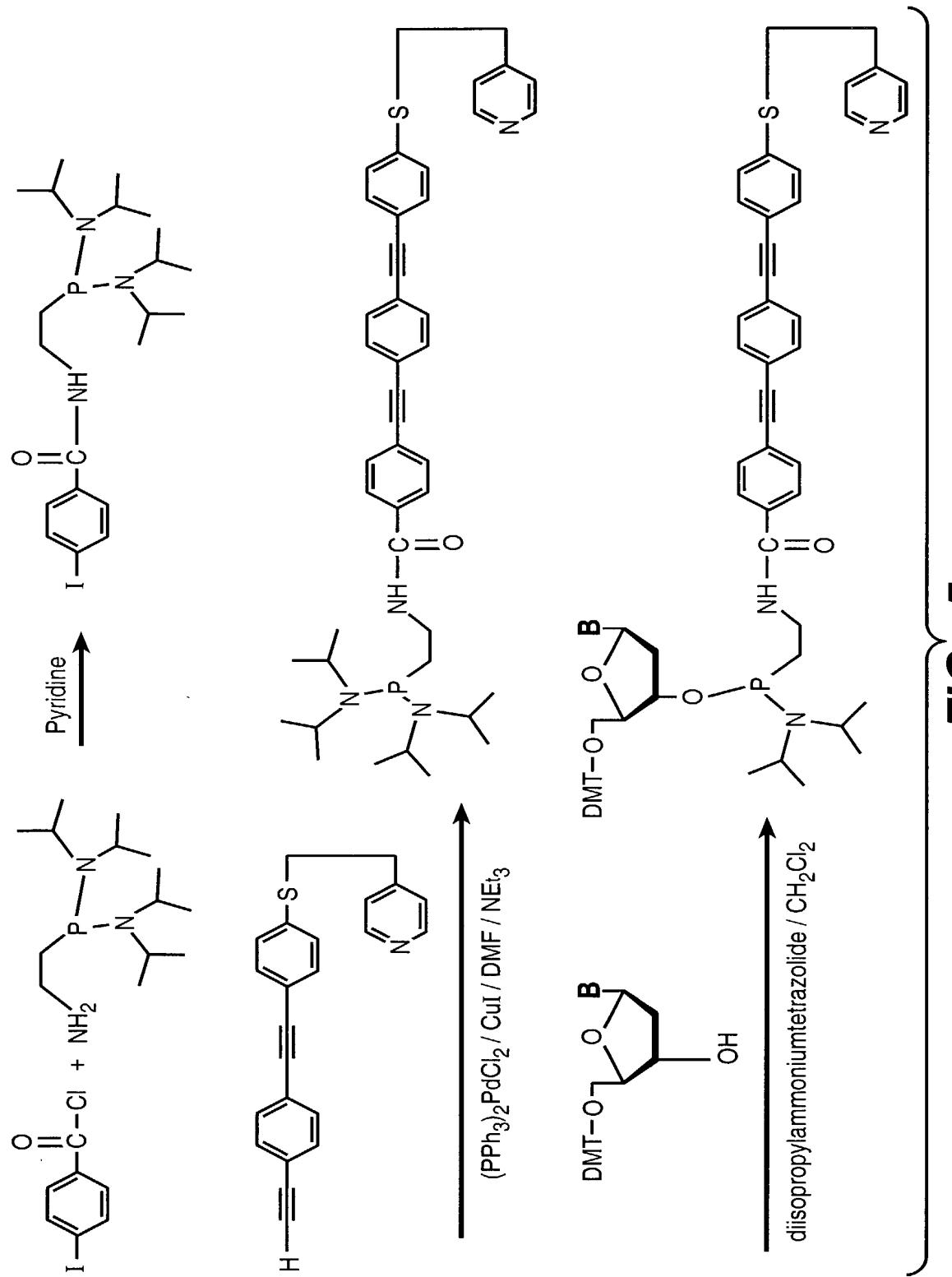
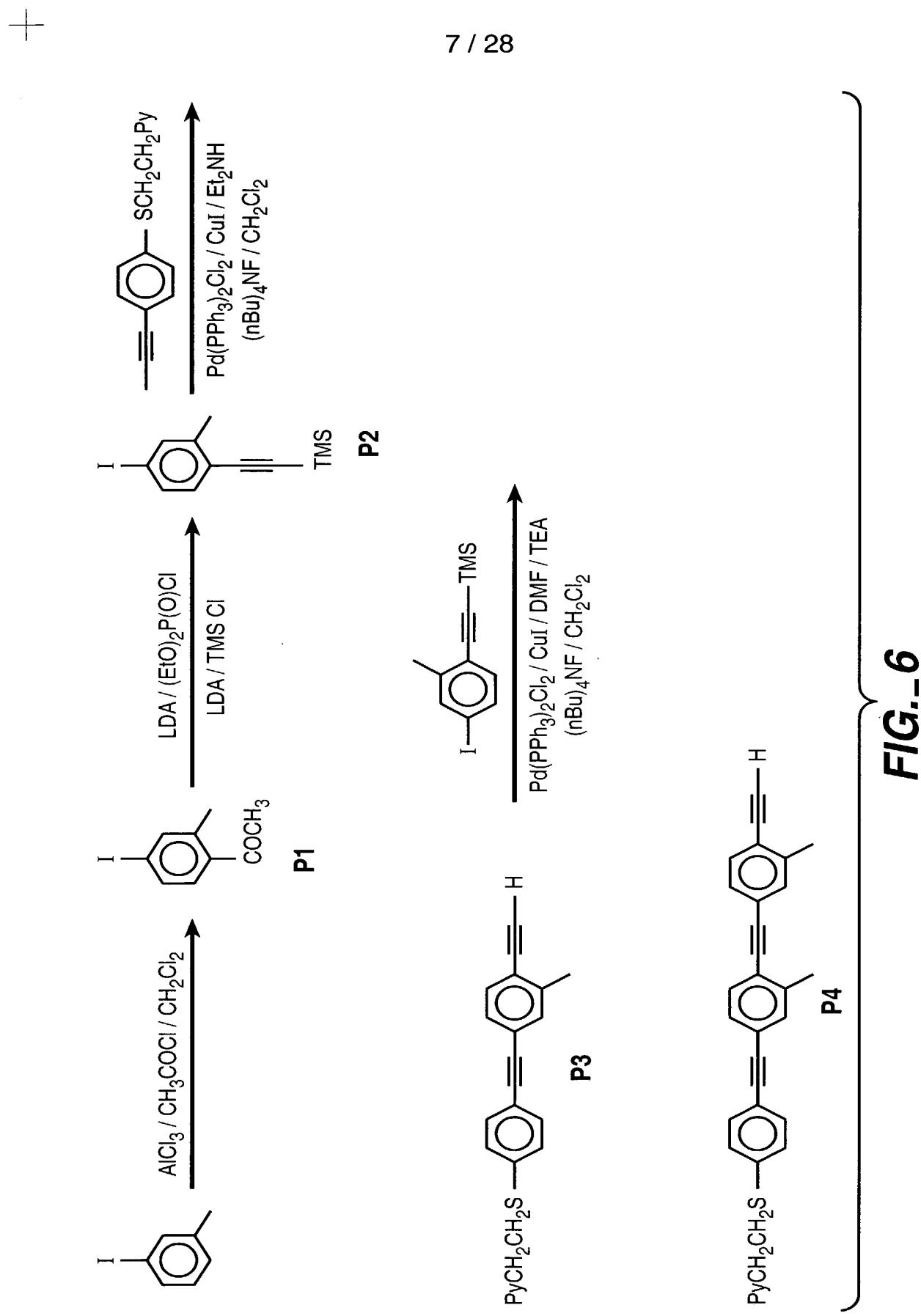
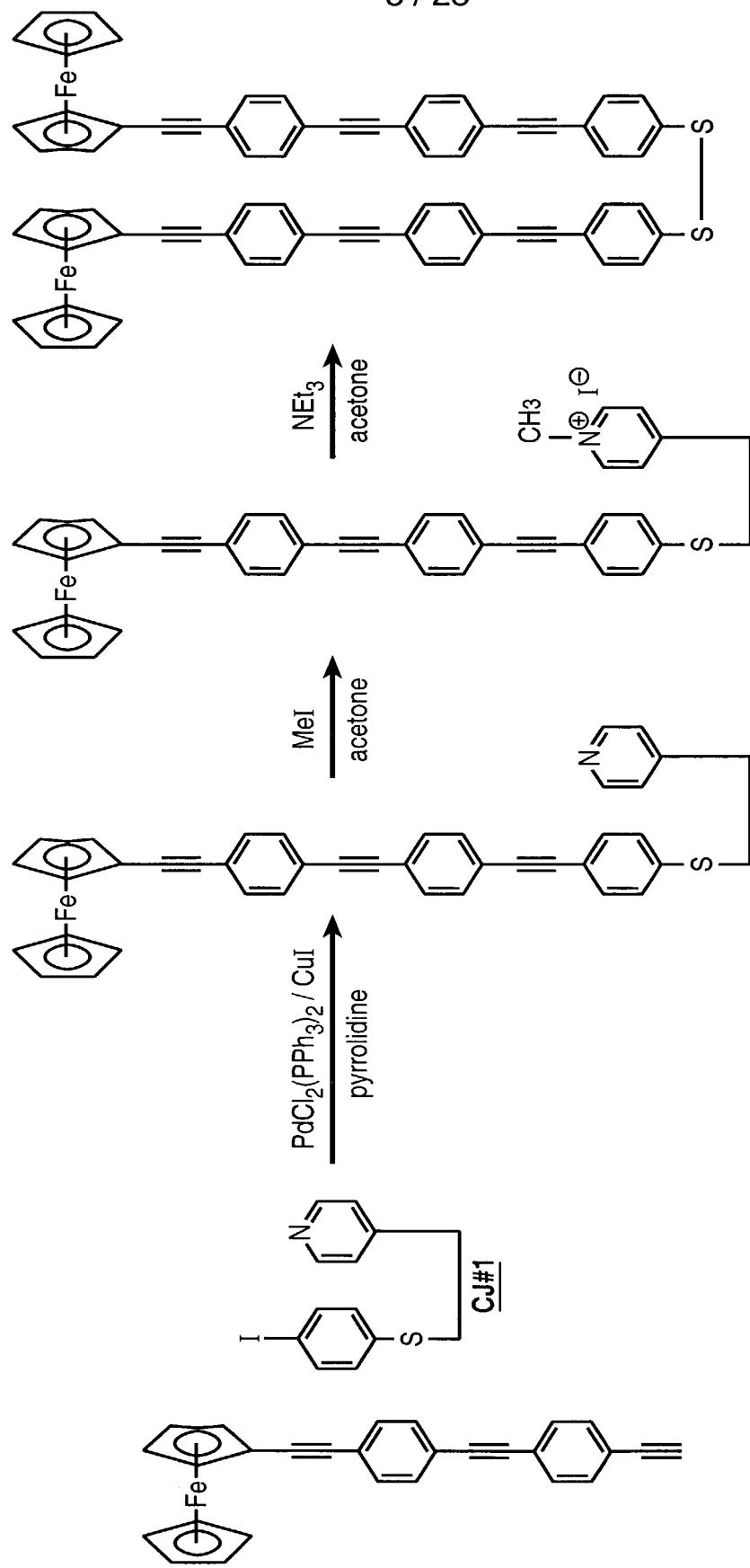


FIG. 5



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COMPOUND #13

COMPOUND #12

COMPOUND #11

COMPOUND #10

FIG. - 7

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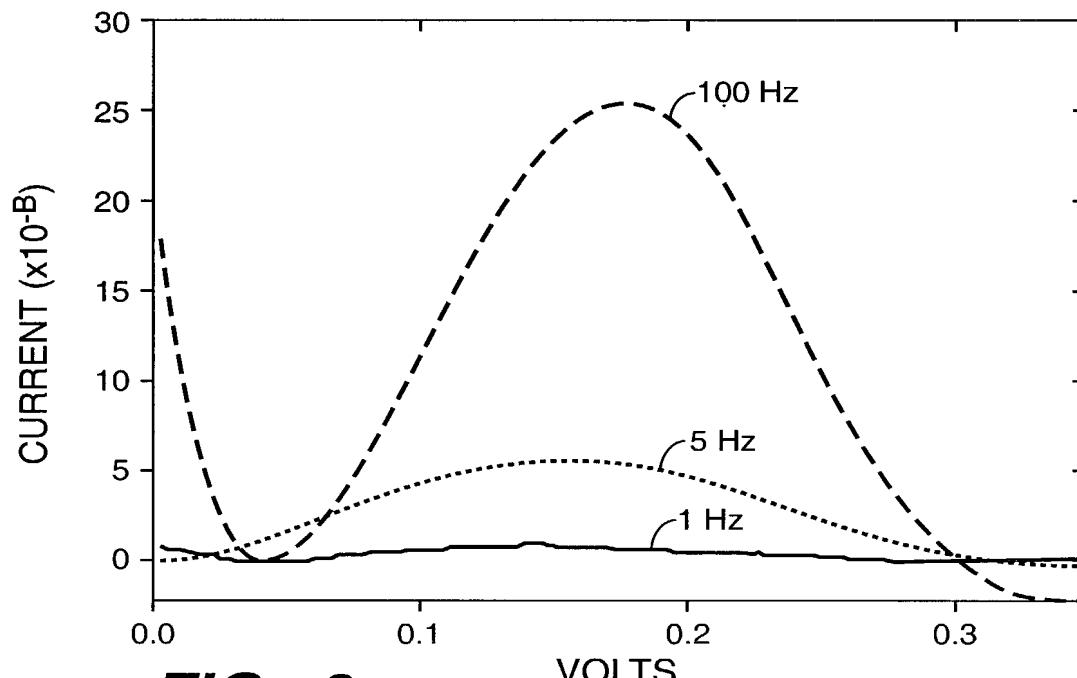


FIG._8

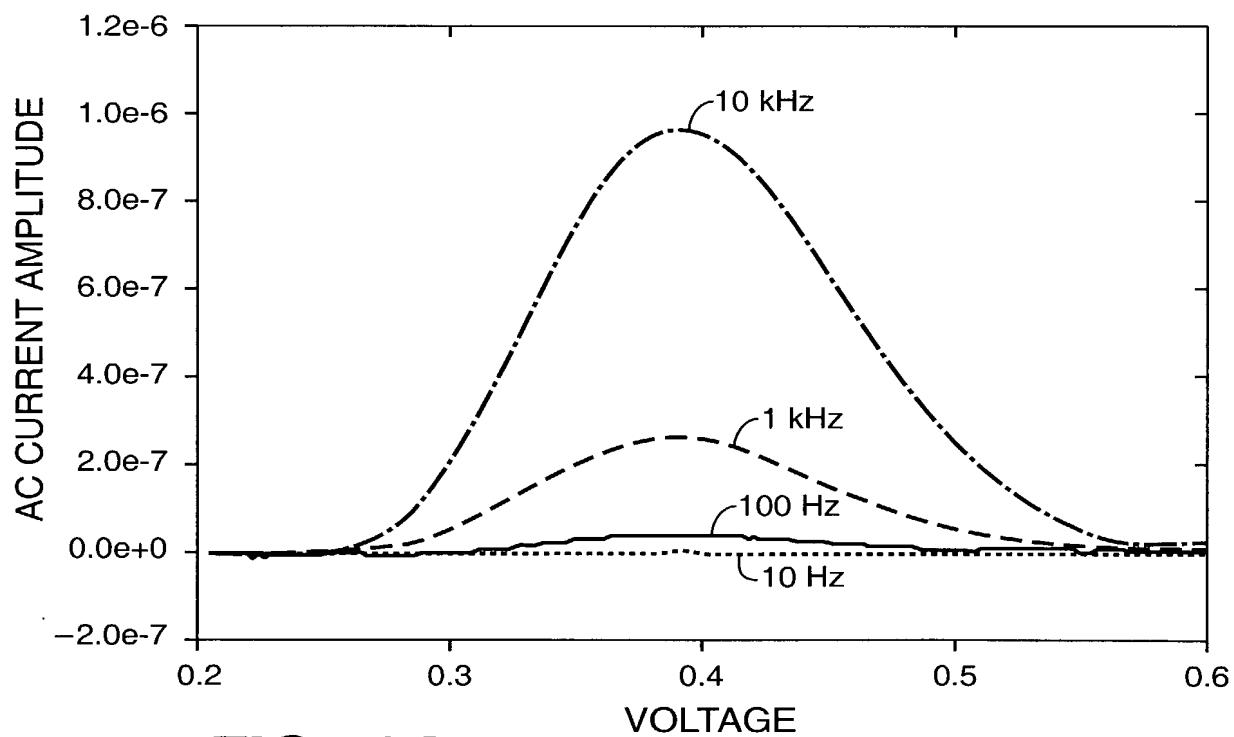
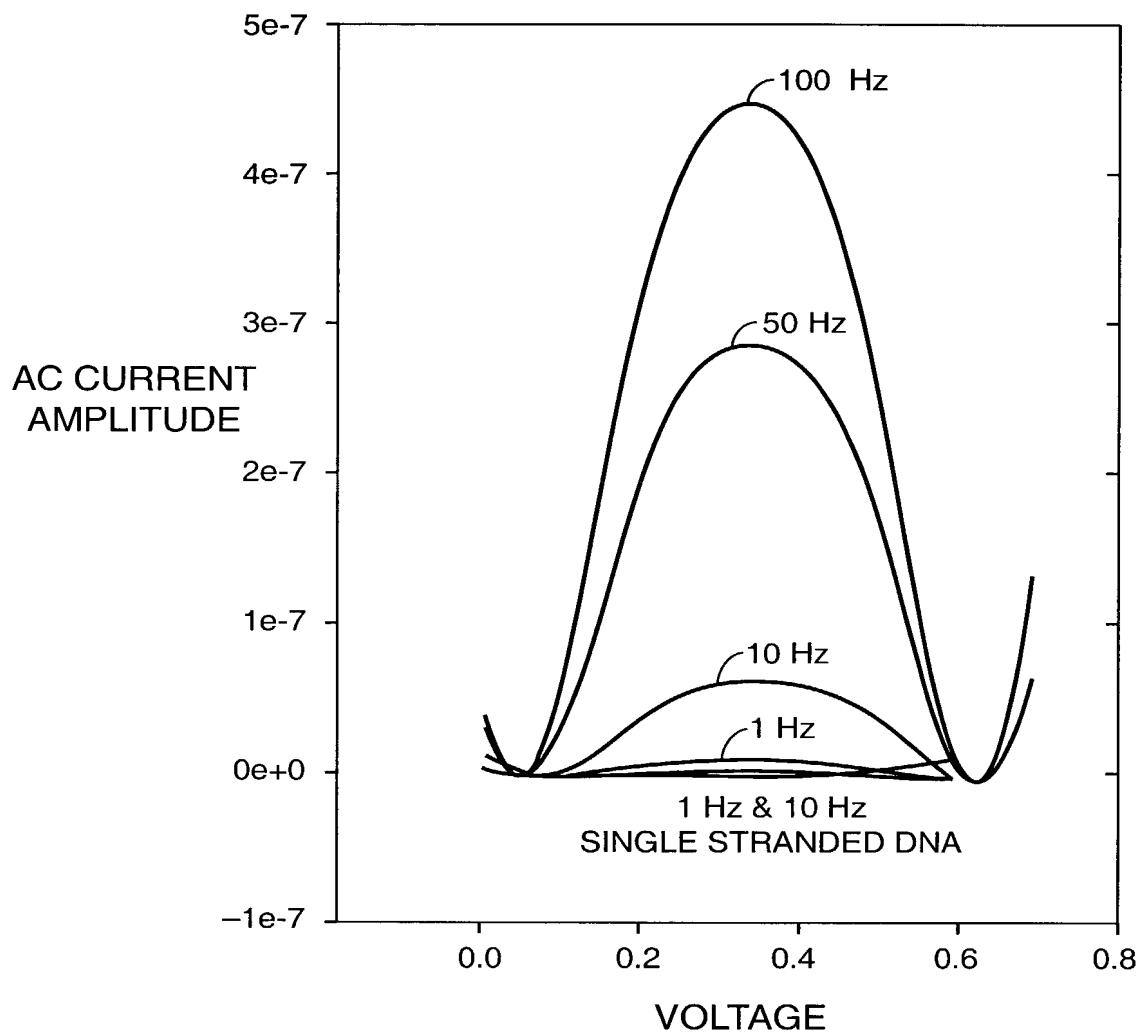


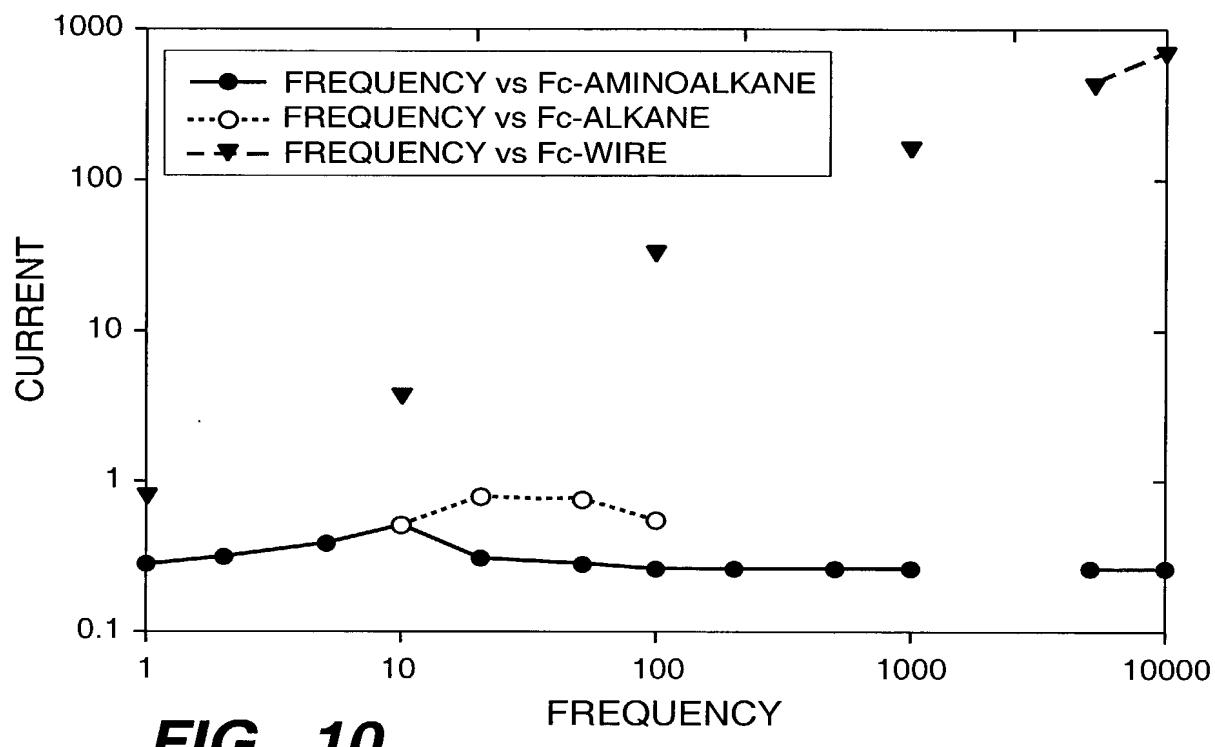
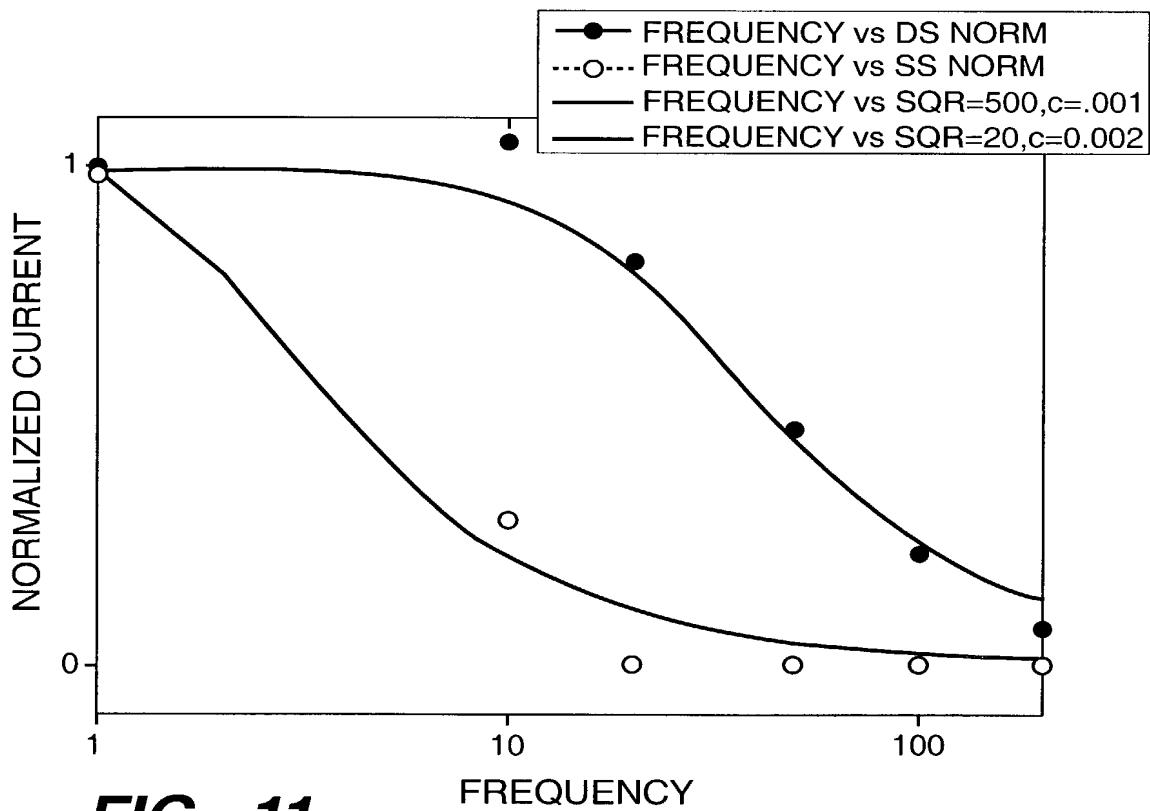
FIG._9A

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**FIG._9B**

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**FIG._ 10****FIG._ 11**

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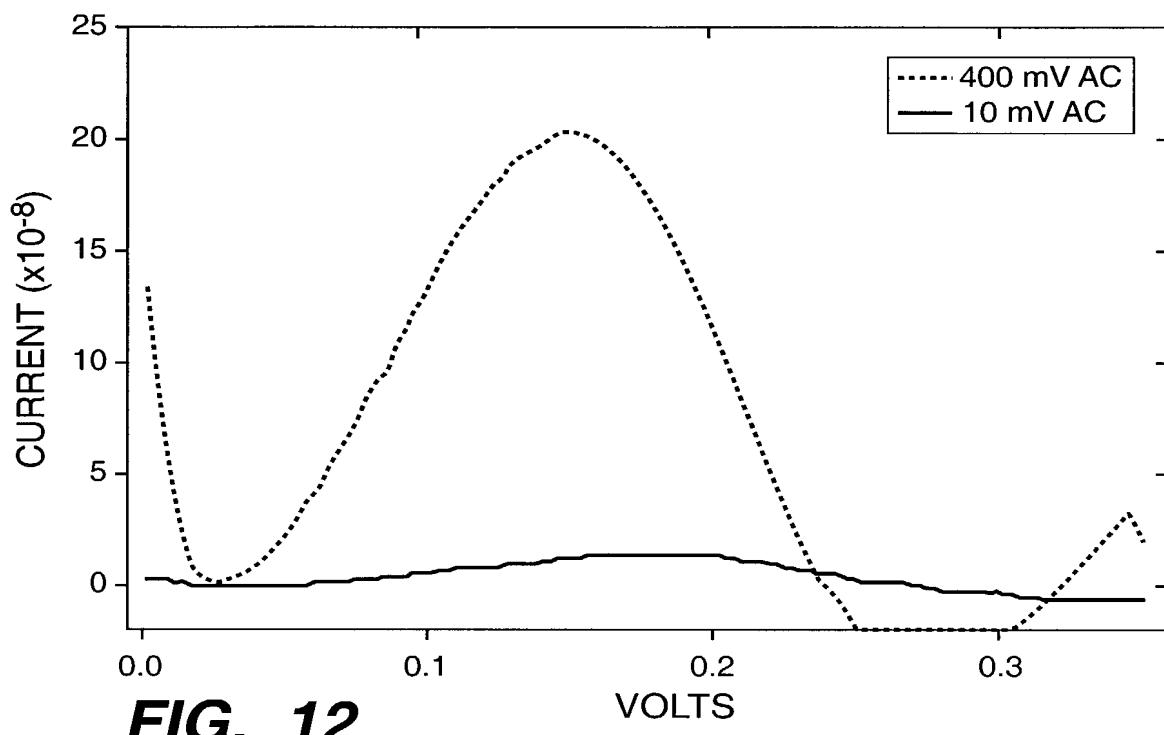


FIG._ 12

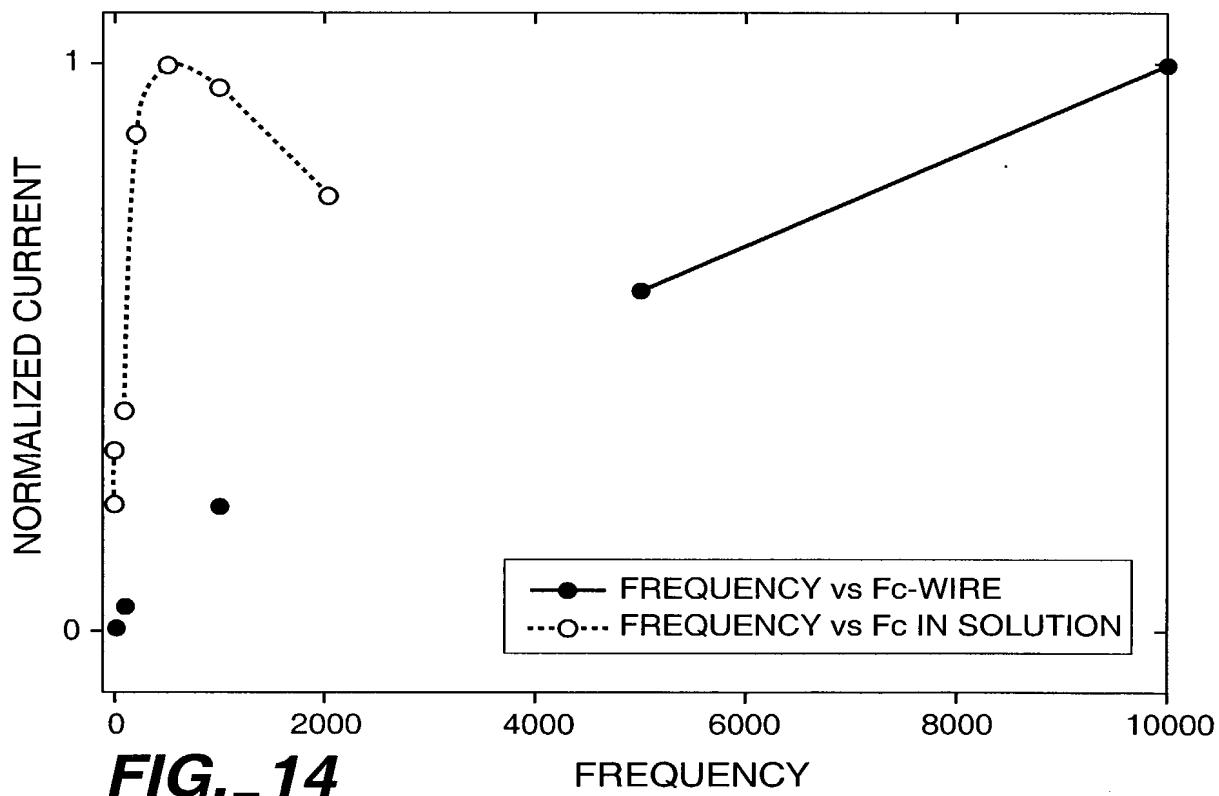
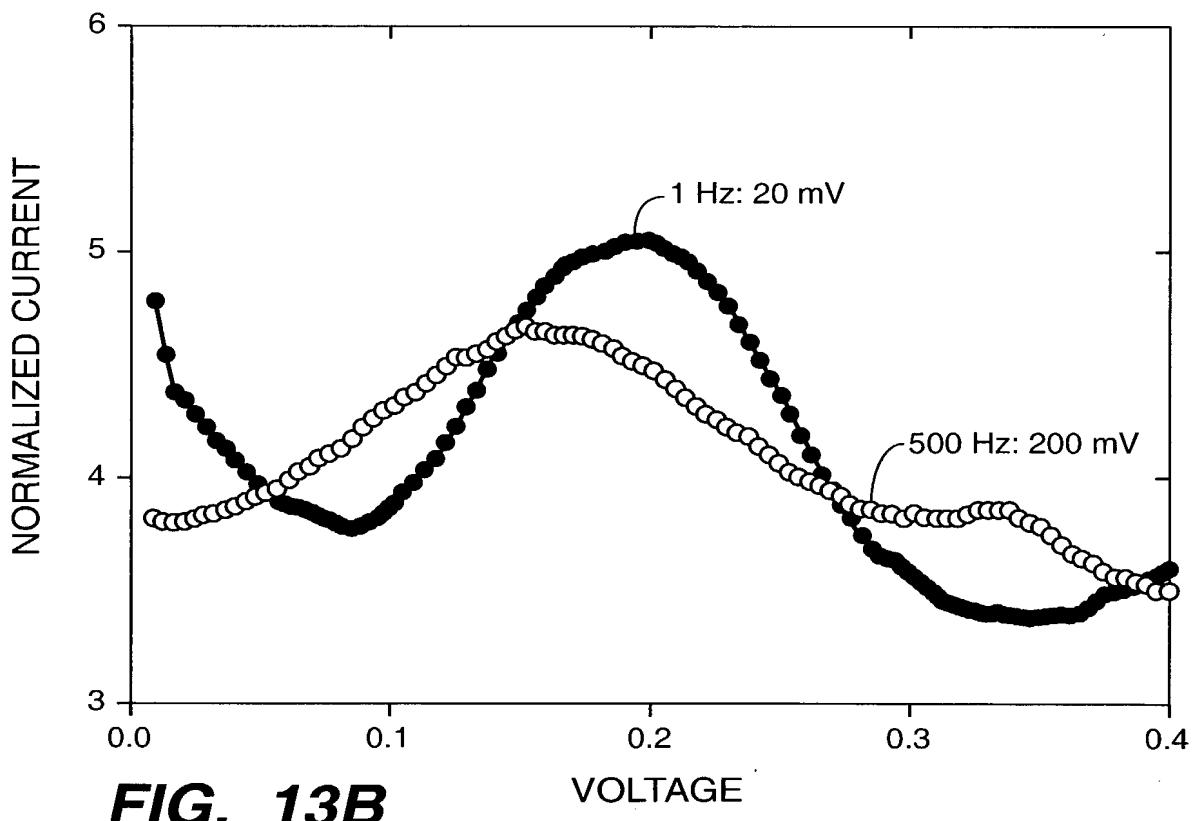
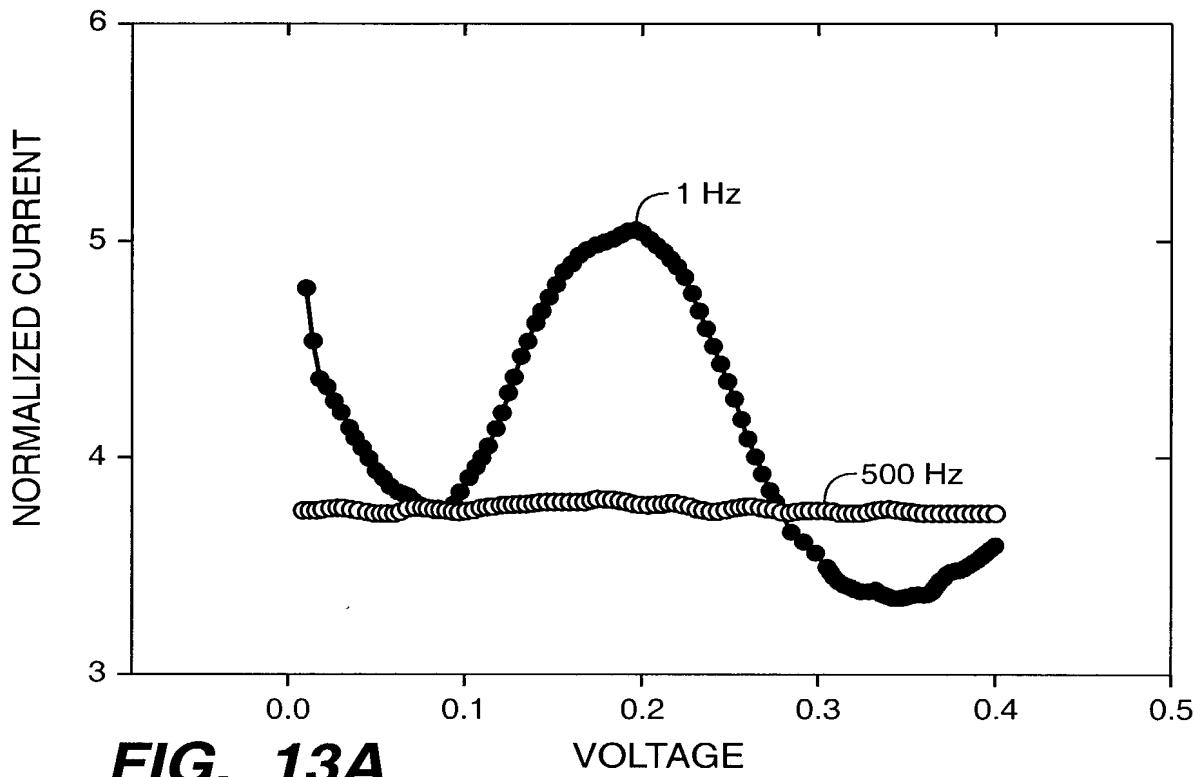
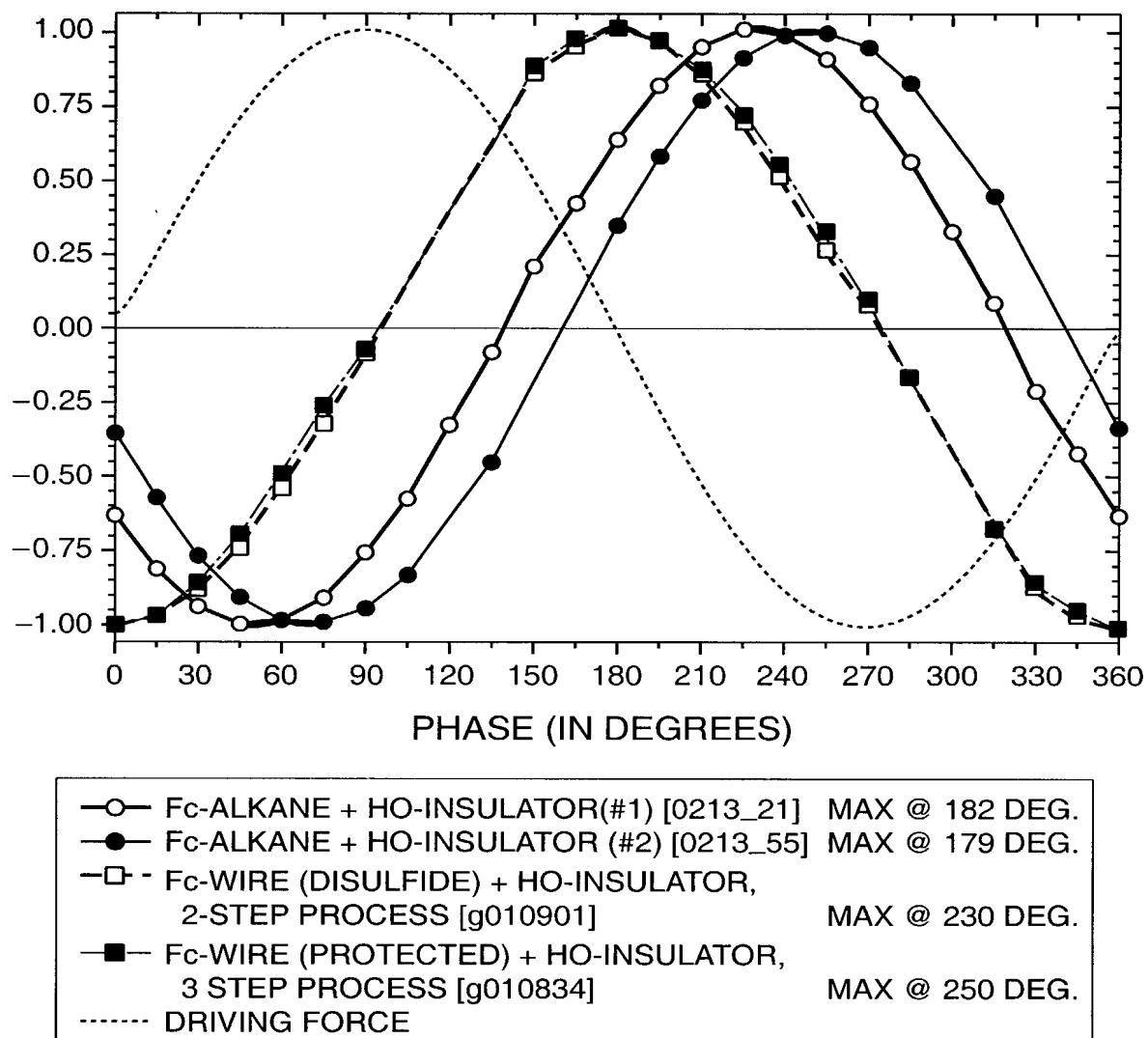


FIG._ 14

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**FIG._ 15A**

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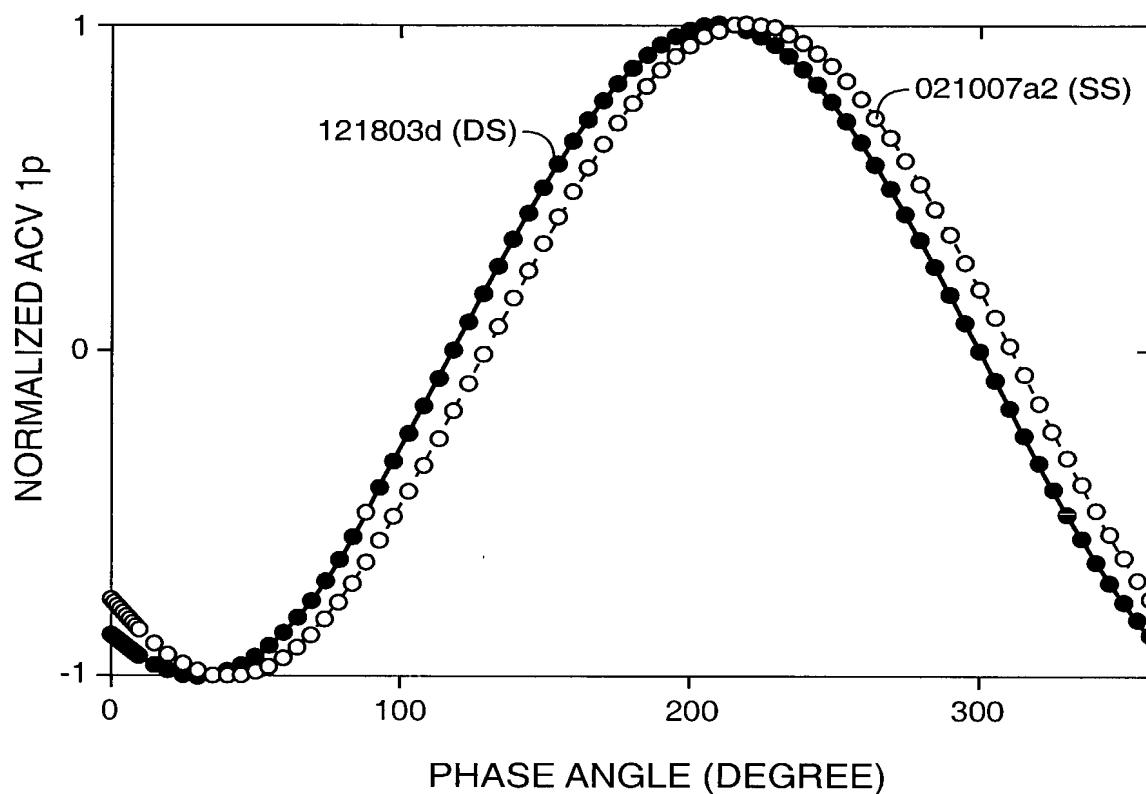
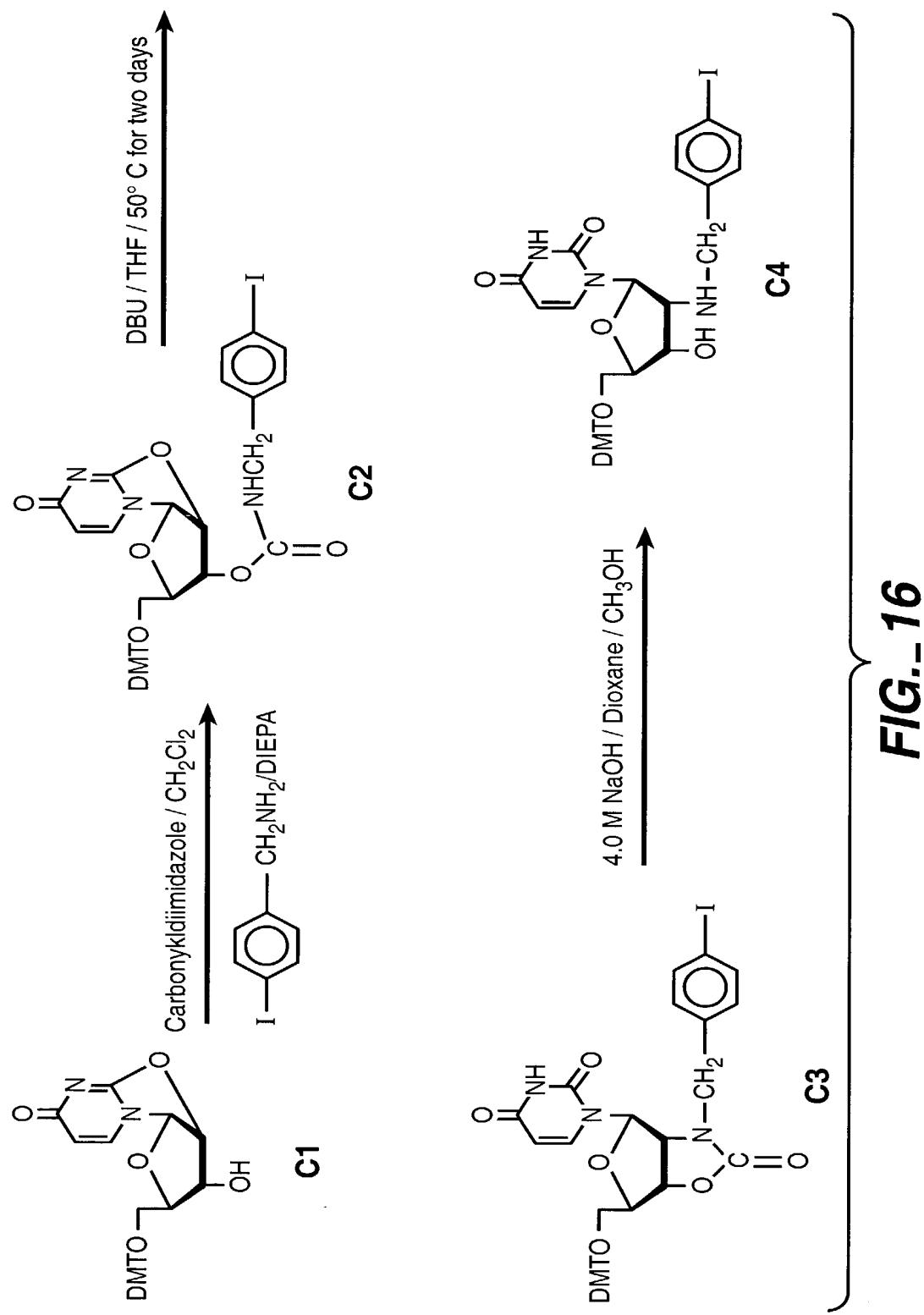


FIG._15B



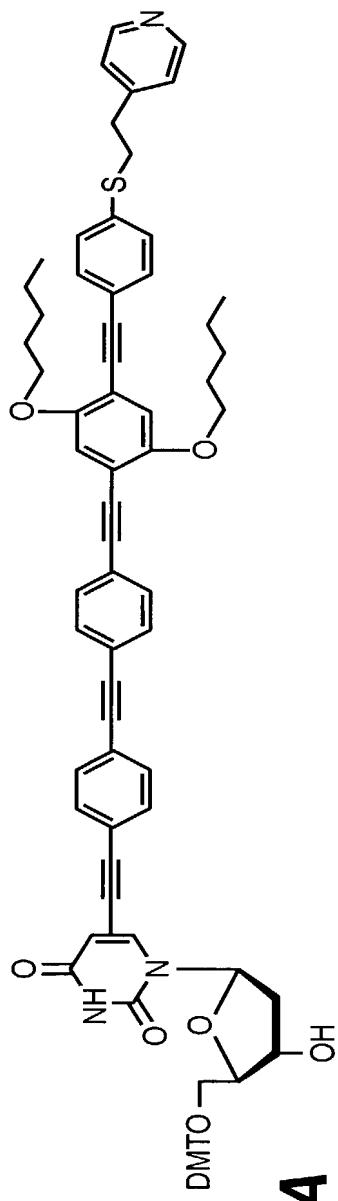


FIG.-17A

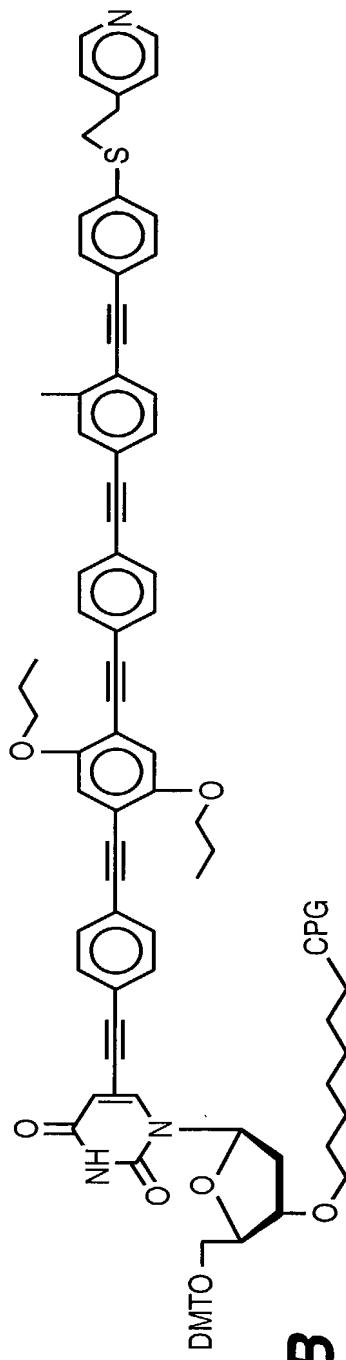


FIG.-17B

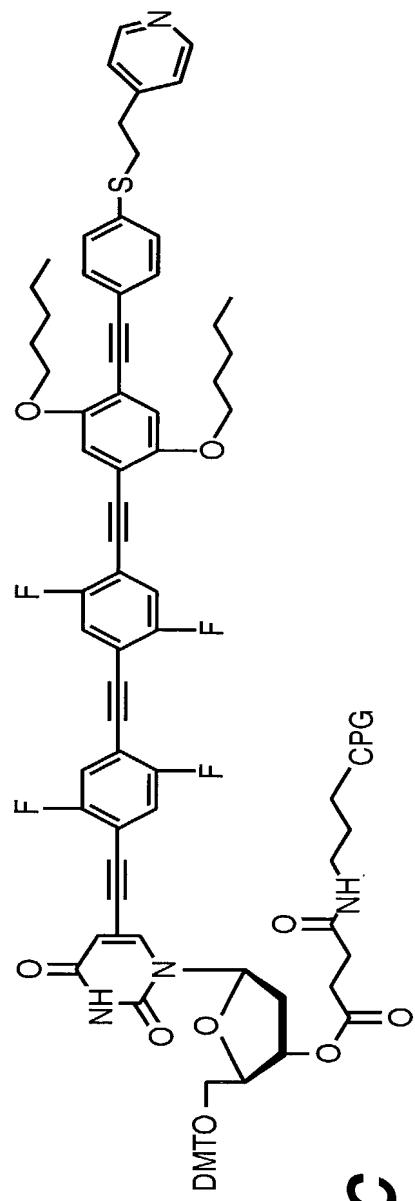


FIG.-17C

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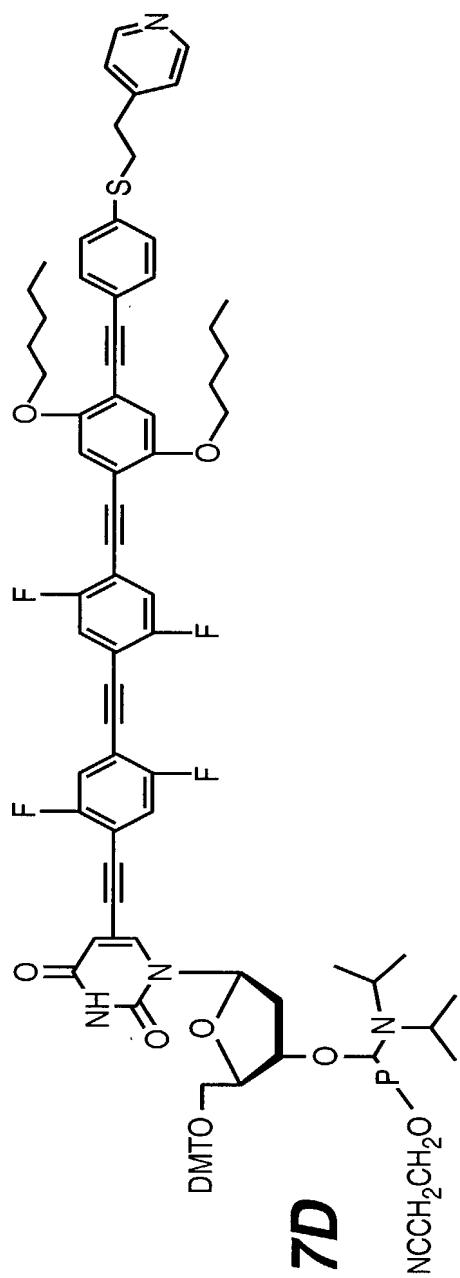


FIG.- 17D

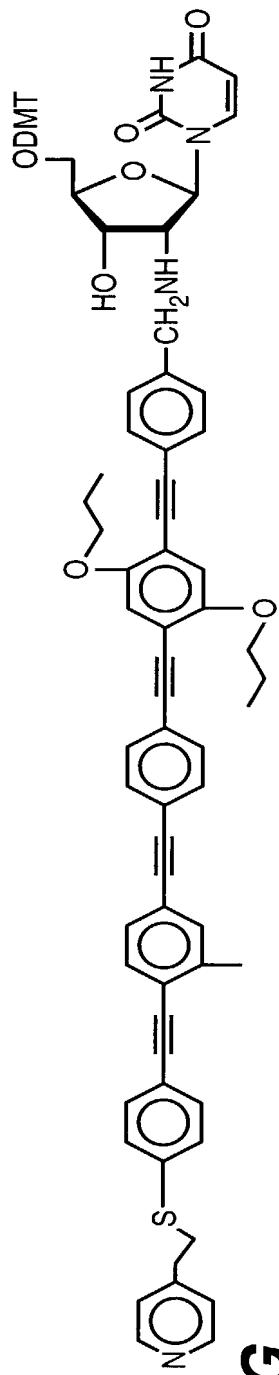


FIG.- 17G

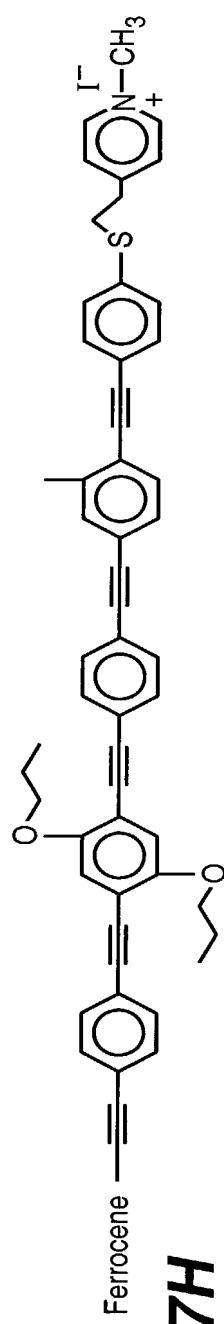
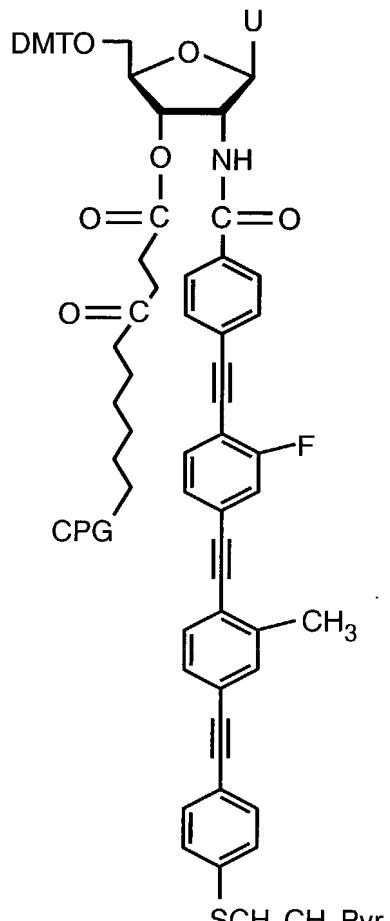
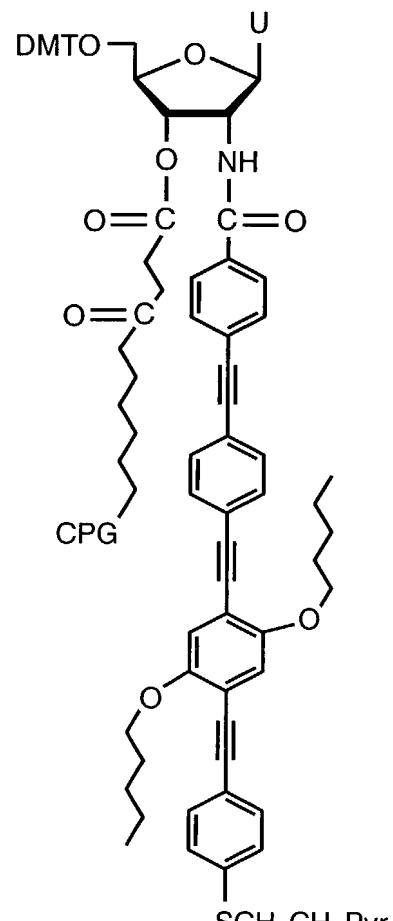


FIG.- 17H

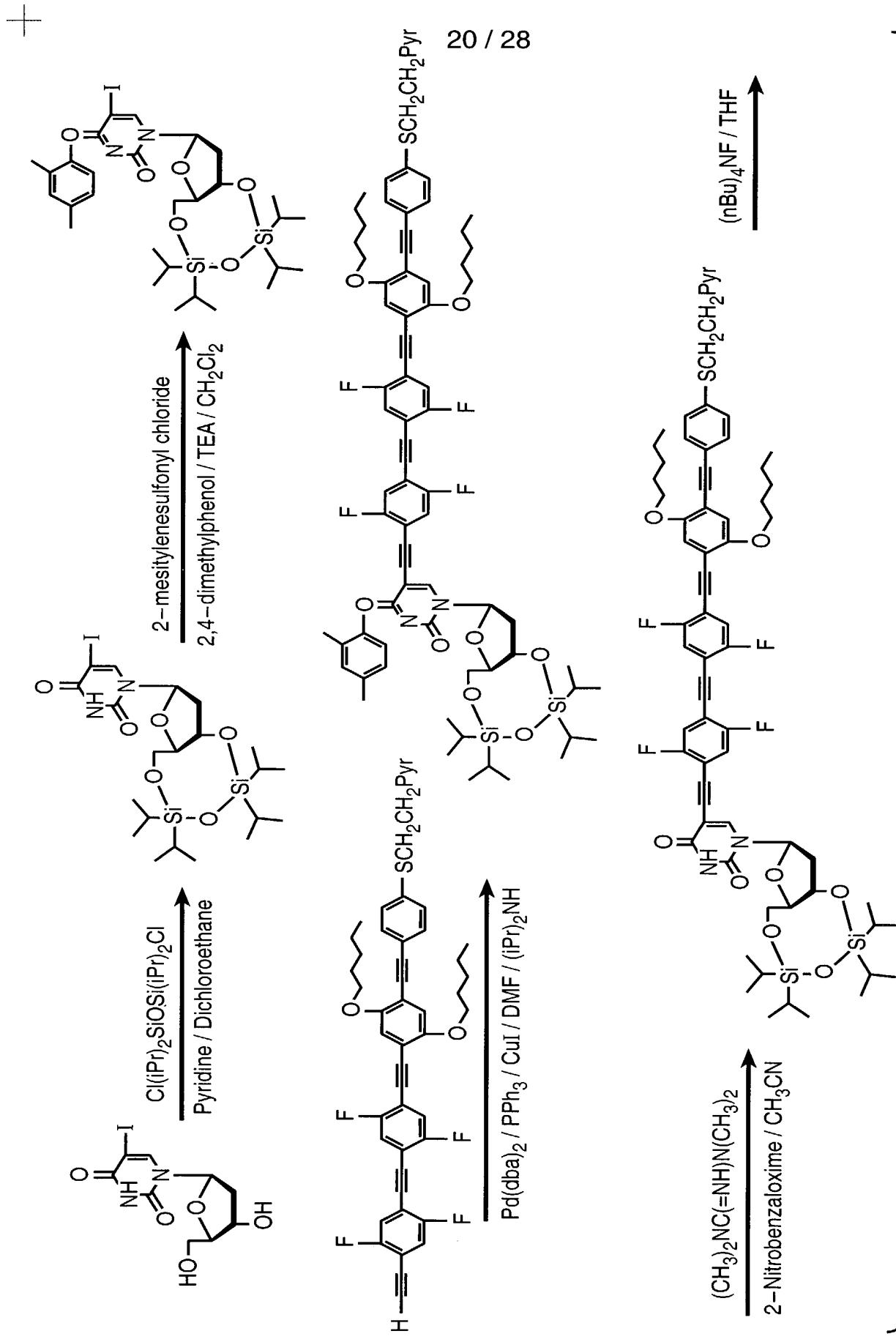


4-BW-F-Uridine-CPG

FIG._17E

4-BW-2C5-Uridine-CPG

FIG._17F



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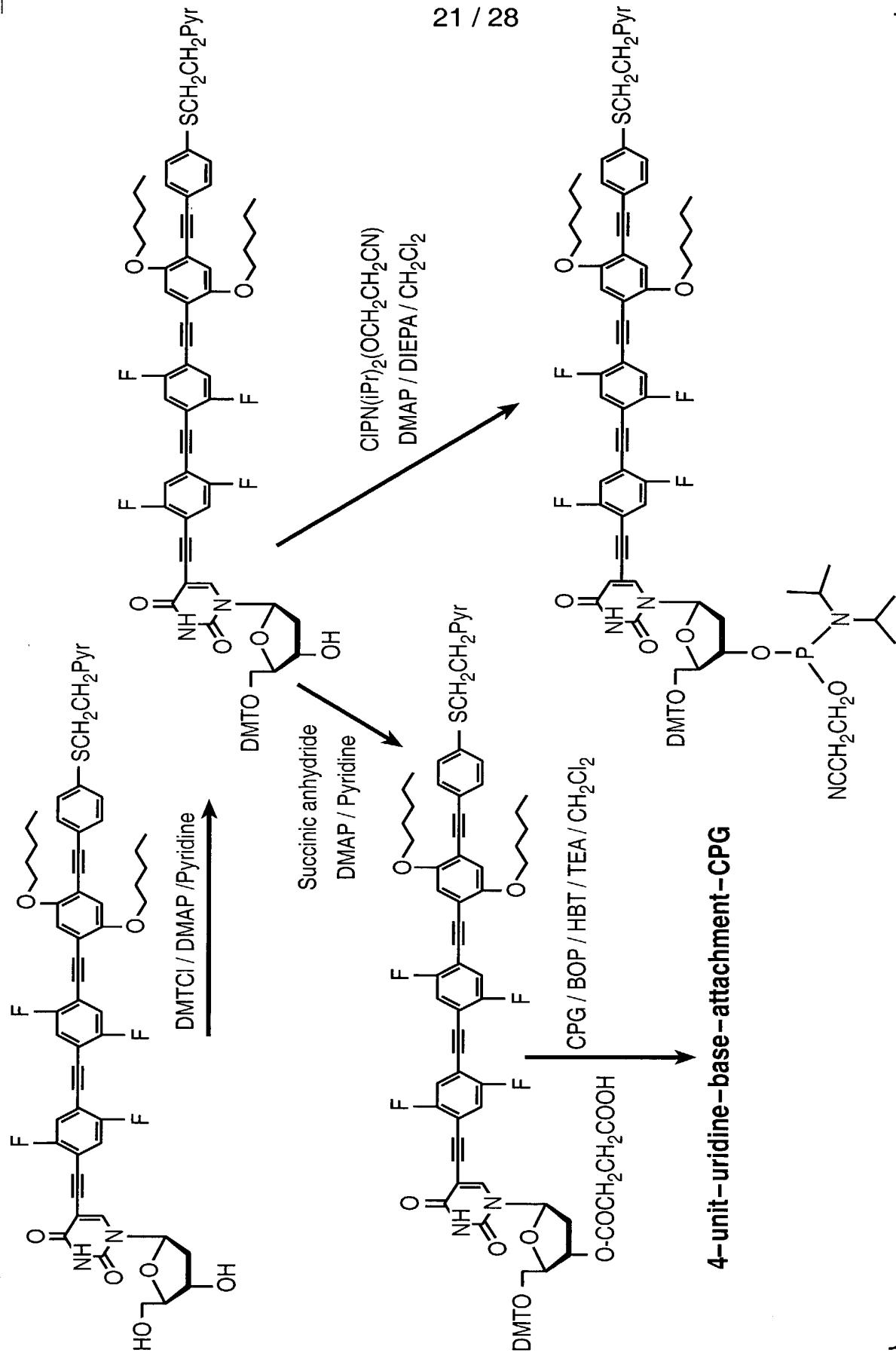
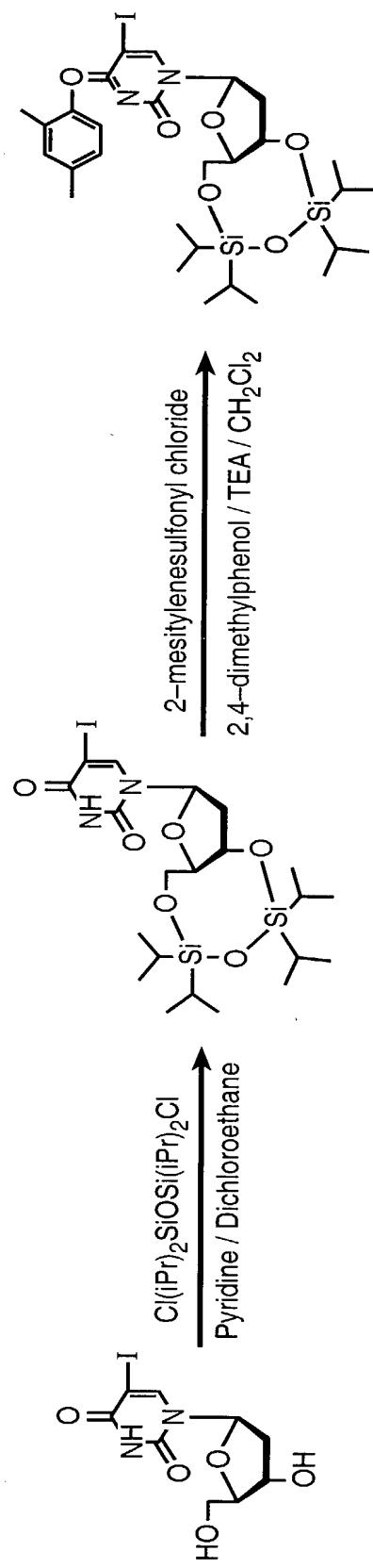


FIG.-18B

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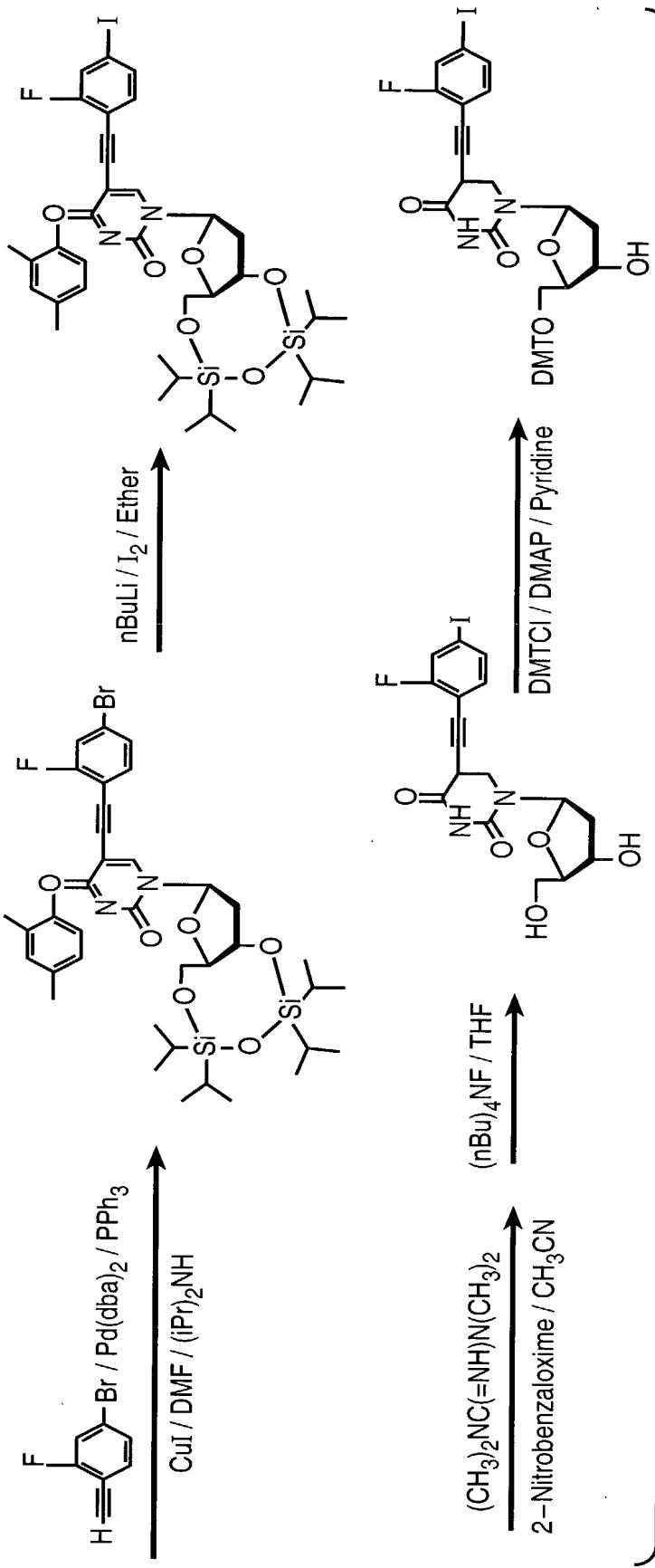
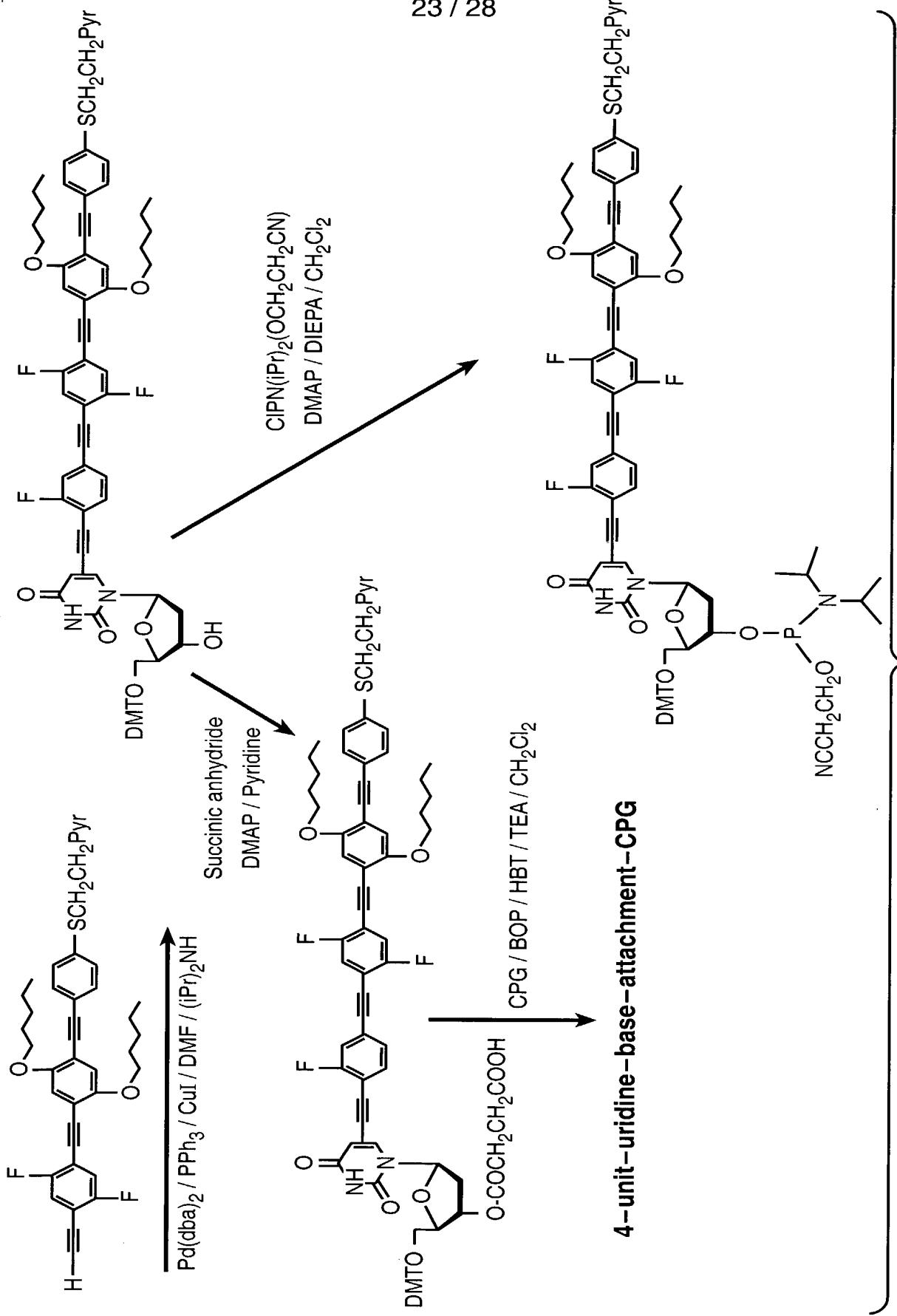


FIG.- 19A

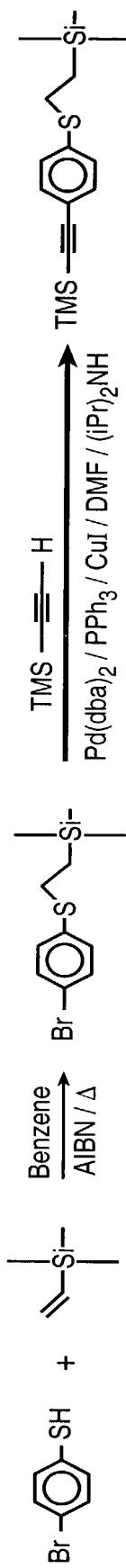
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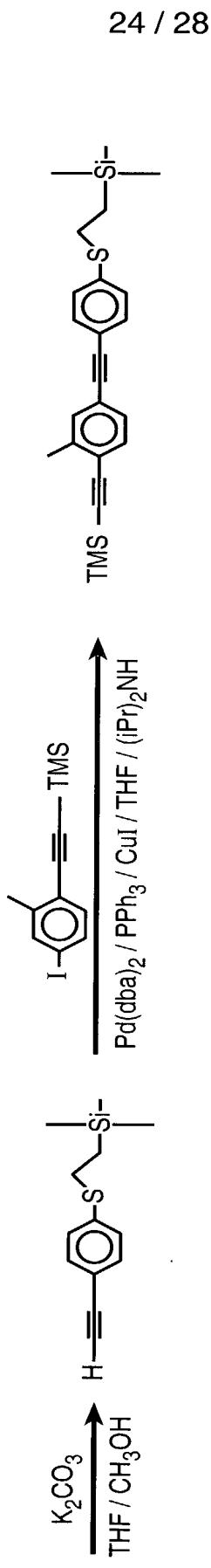


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$\xrightarrow{\text{TMS} \equiv \text{H}}$
 $\xrightarrow{\text{Pd(dba)}_2 / \text{PPh}_3 / \text{CuI} / \text{DMF} / (\text{iPr})_2\text{NH}}$



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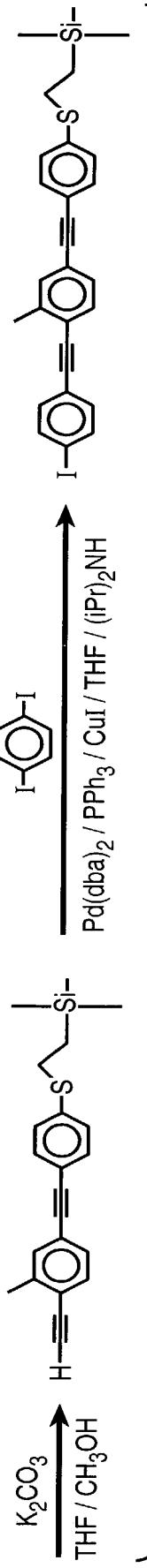


FIG.-20A

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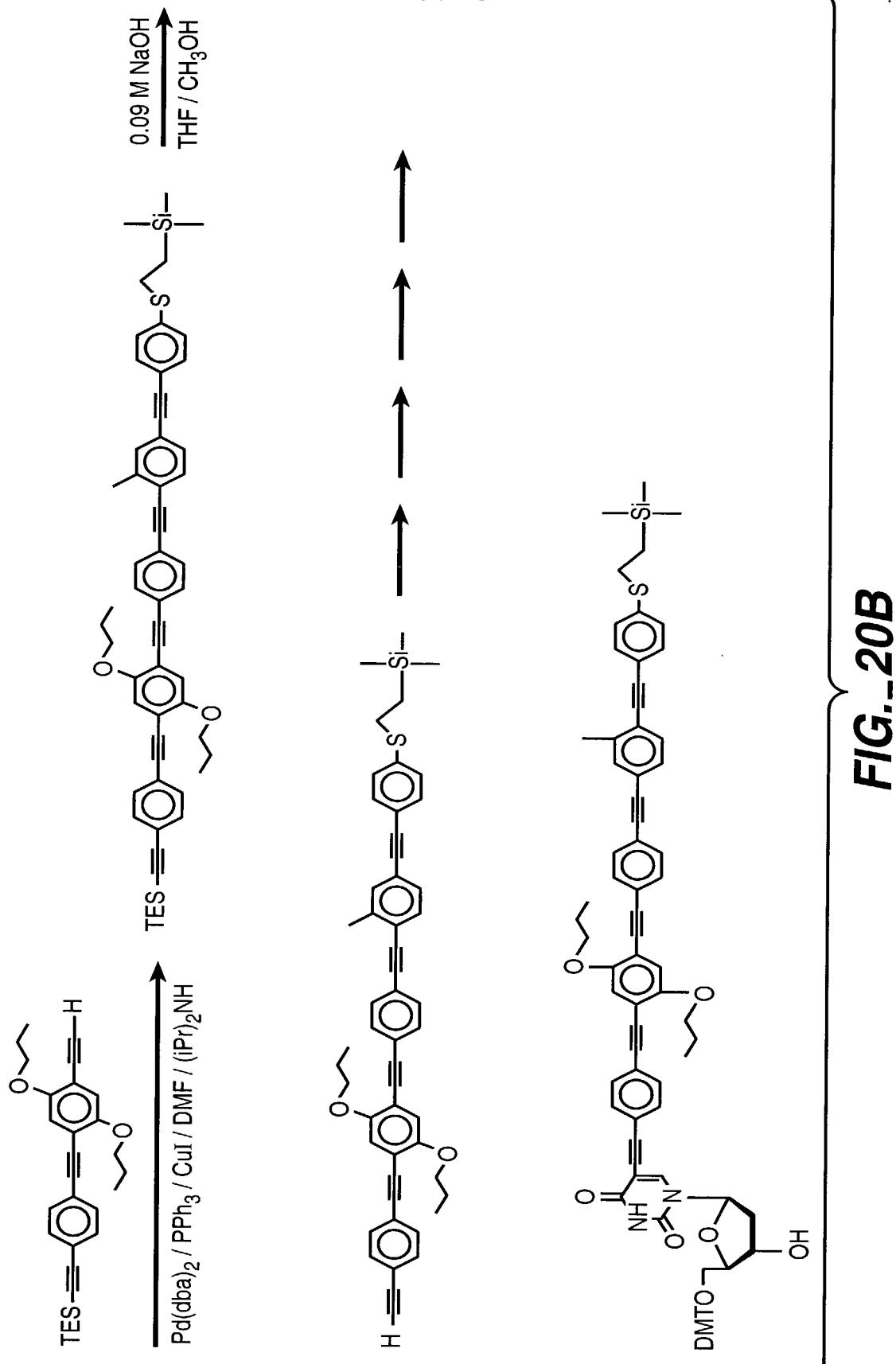
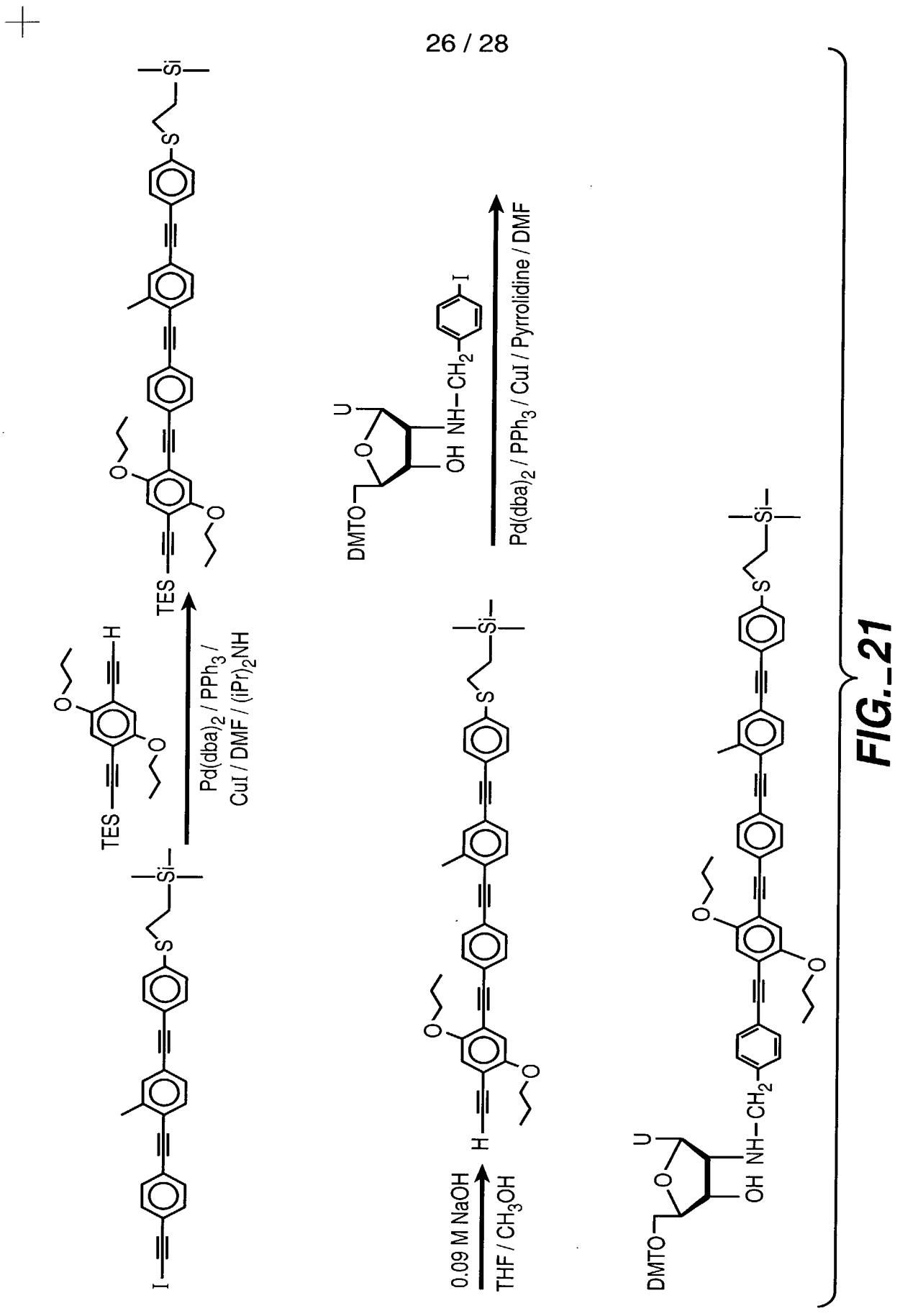
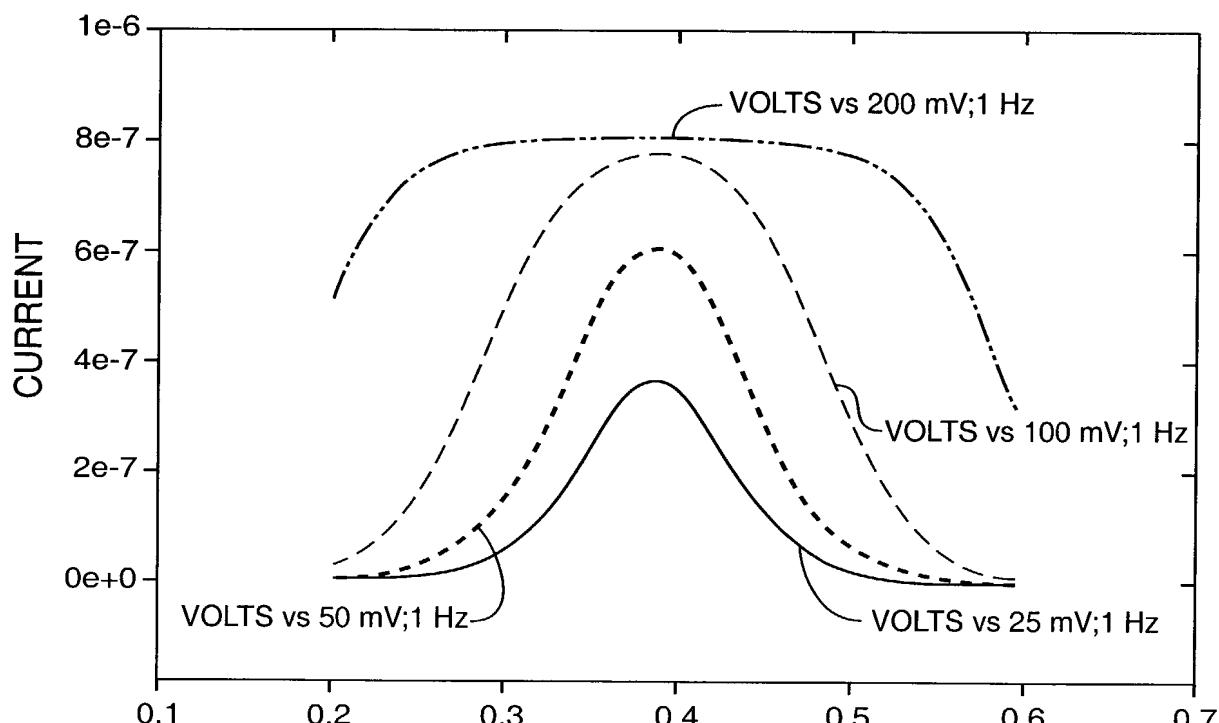
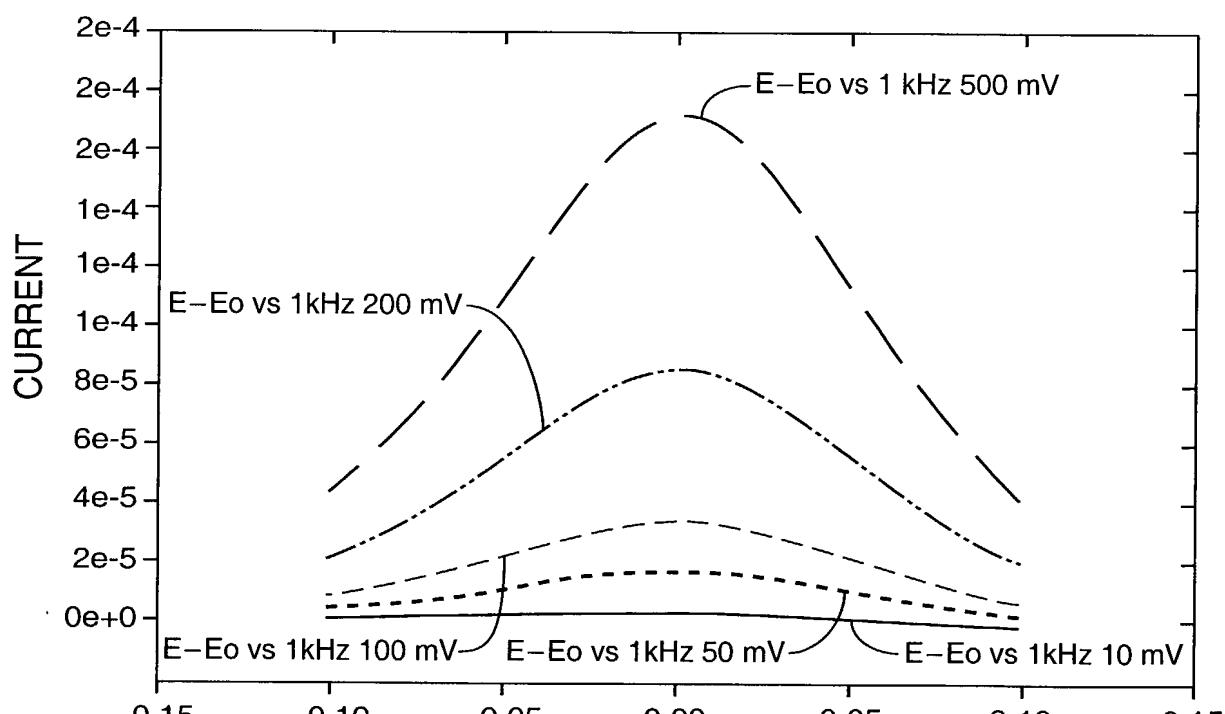


FIG..20B

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**FIG._22A****FIG._22B**

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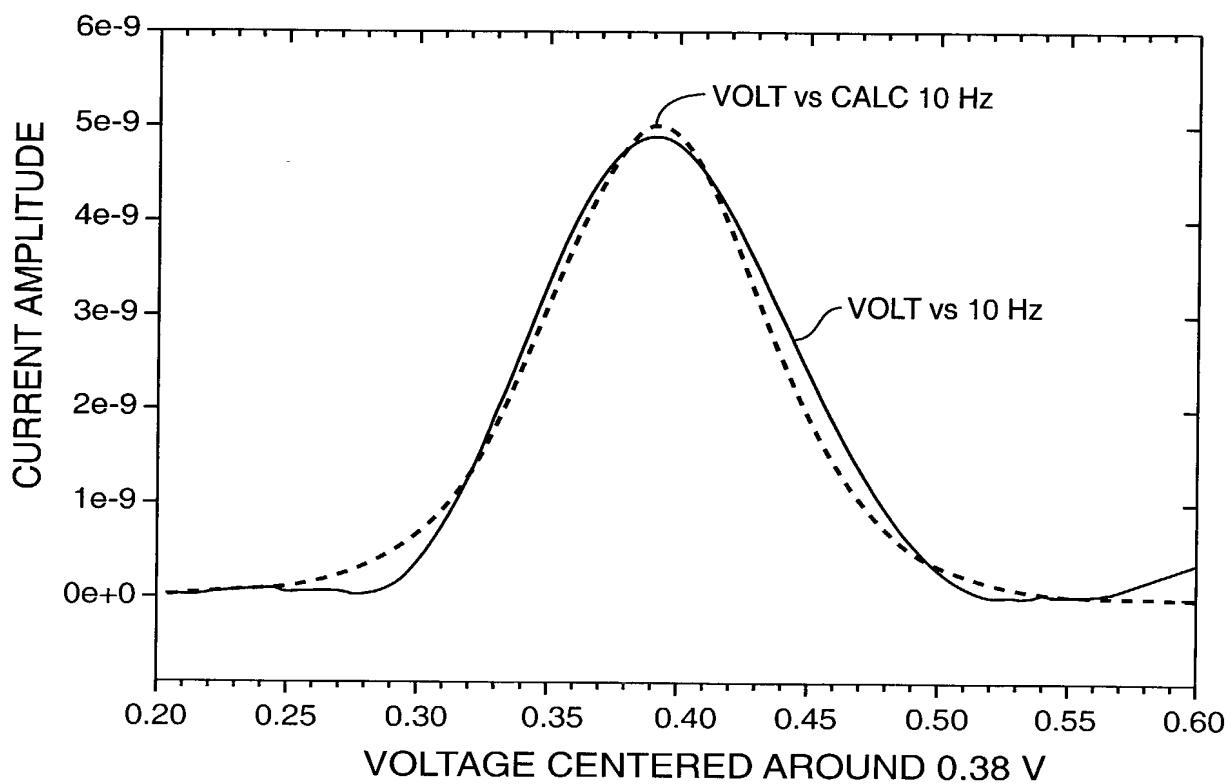


FIG._23A

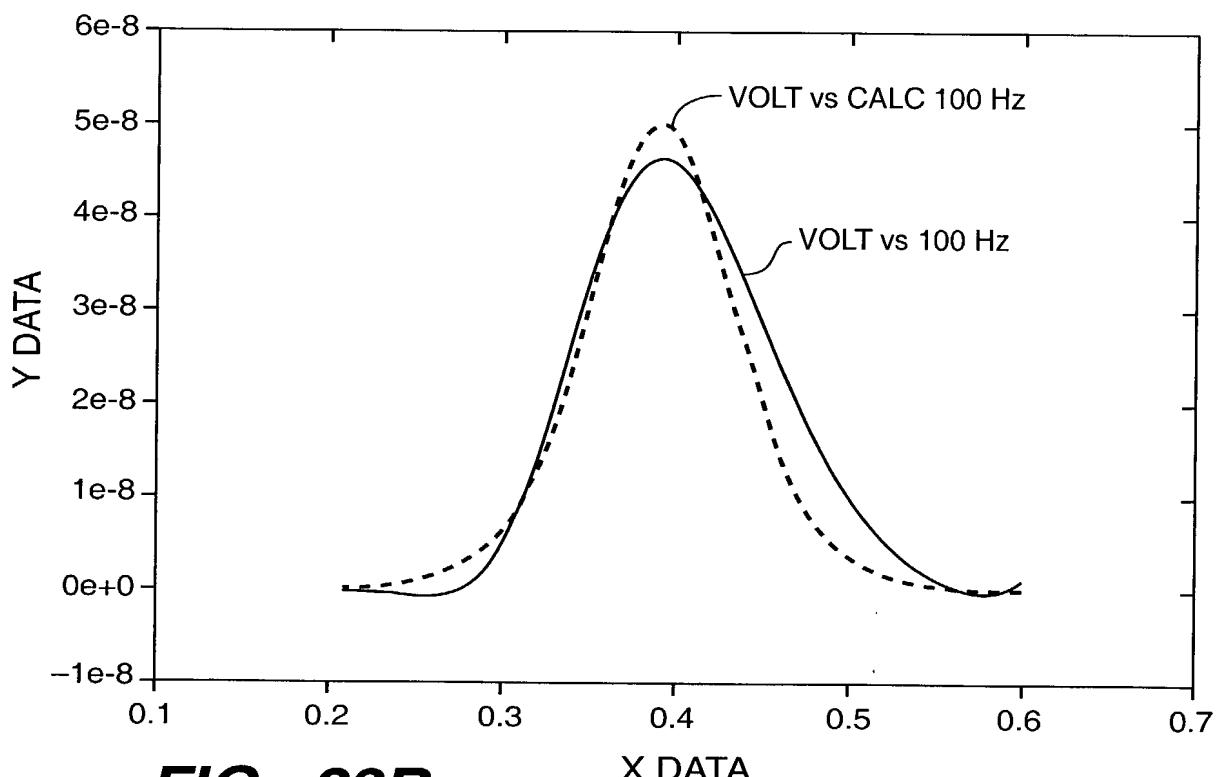


FIG._23B

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